Effective 1-1-77 - Chevron name changed to:
Chevron U.S.A. Inc.

FILE NOTATIONS

Entered in NID File .... ✓
Location Map Pinned .... ✓
Card Indexed .... ✓

Checked by Chief ....
Approval Letter 3-15-71
Disapproval Letter ....

COMPLETION DATA:

Date Well Completed ....

OW..... WW..... TA.....

GW..... OS..... PA.....

Location Inspected ......

Bond released

State or Fee L... ....

LOGS FILED

Driller's Log..........

Electric Logs (No.) ....

E........ I........ Dual I Lat........ GR-N........ M... .....

BHC Sonic GR........ Lat........ Mi-L........ Sonic... ..

CBLog........ CCLog........ Others.................................

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ✓ ELECTRIC ... ✓ FILE X WATER SANDS NO LOCATION I...CTED SUB. REPORT/abd.

* Well name change 9-30-81
* 12.1.85
880615 chg of opr eff 6.1.88
† Approval for WD 1-5-86 WDW

DATE FILED 3-15-71

LAND: FEE & PATENTED X STATE LEASE NO. PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: 3-15-71 Cause No. 139-1

SPUDDED IN: 4-6-71

COMPLETED: 10-9-71 PUT TO PRODUCING: 10-10-71

INITIAL PRODUCTION: 433 BOPD 236 MCF

GRAVITY A.P.I. 43°

GOR: 545:1

PRODUCING ZONES: 10,988'-14,414' WST C

TOTAL DEPTH: 14,490' PBTD: 14,460'

WELL ELEVATION: ...33' KB

DATE ABANDONED:

FIELD: Altamont

UNIT:

COUNTY: Duchesne

WELL NO. CHEVRON-KING SILVER et al E. BENNION UNIT #1 ~~(3-25C)~~ (25A4) API NO. 43-013-30060

LOCATION 1476 FT. FROM (N) ~~(S)~~ LINE, 1164' FT. FROM (E) ~~(W)~~ LINE. NW SE NE 1/4-1/4 SEC. 25

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
							Pennzoil Expl. & Prod. / FLYING J / PROVEN PROPERTIES

GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River Surface	Emery	Organ Rock	Middle
Uinta 3562	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River 6325	Frontier	Phosphoria	Elbert
	Dakota	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
MAHOGANY 8995	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
TRANSITION 10900'	JURASSIC	CARBONIFEROUS	North Point
Wasatch	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafeal Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRI[illegible]C		

Form OGCC-1 a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [X] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [X]

2. NAME OF OPERATOR
Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR
P. O. Box 455, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
1476' FNL & 1164' FEL of Section 25, T1S, R4W, USBM
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
FEE LAND

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Chevron-King Silver et al E. Bennion

9. WELL NO.
Unit #1 (3-25G)

10. FIELD AND POOL, OR WILDCAT
Altamont Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 25, T1S, R4W, USBM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
One mile Northeast of Altamont, Utah

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)
Unknown

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
First Well

19. PROPOSED DEPTH
± 13,500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
Estimated Graded Ground - 6421'

22. APPROX. DATE WORK WILL START*
April 1, 1971

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4"	40.5#	+ 1500'	To surface
8-3/4"	7"	23 & 26#	+ 12,500'	Sufficient to cover all producing zones & significant water sands.
6-1/8"	5" Liner	18#	± 13,500'	To Liner top.

It is proposed to drill a development well for oil or gas in the Green River and/or Wasatch Formations.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED R. W. Patterson R. W. PATTERSON TITLE Unit Superintendent DATE March 12, 1971

(This space for Federal or State office use)

PERMIT NO. 43-013-30060 APPROVAL DATE

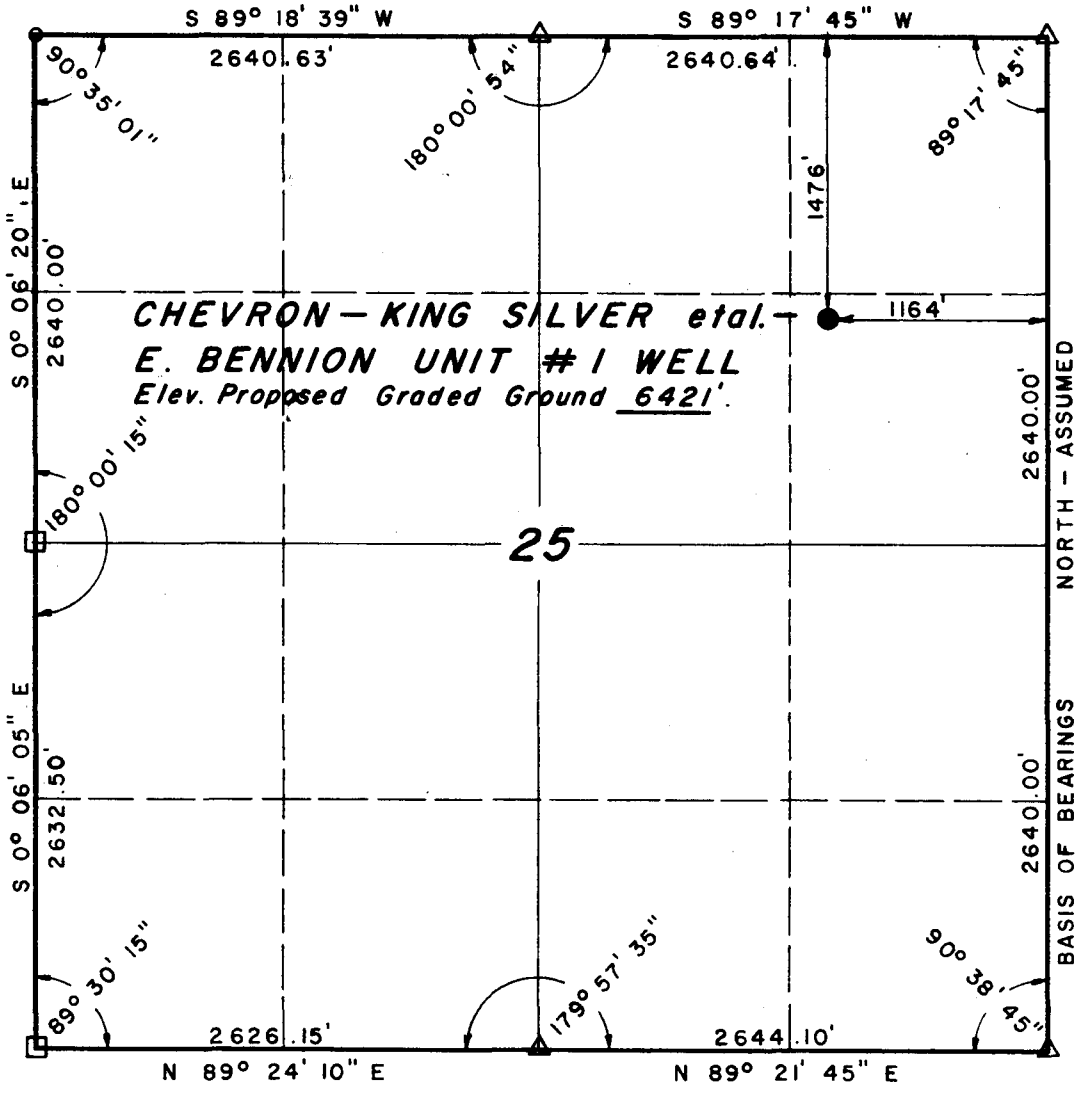
APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

O&GCC, SLC-3; USGS, SLC-1; Well File-1

*See Instructions On Reverse Side

T1S, R4W, U.S.B.&M.



△ = SECTION CORNERS (SET OR LOCATED) SPIKE

□ = " " LOCATED (BOLT)

o = SECTION CORNER LOCATED (CONC. NAIL)

PROJECT

CHEVRON OIL COMPANY

Well location, *CHEVRON-KING SILVER etal.- E. BENNION UNIT #1*, located as shown in the SE 1/4 NE 1/4 Section 25, T1S, R4W, U.S.B.&M. Duchesne County, Utah.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Nelson J. Marshall

REGISTERED LAND SURVEYOR
REGISTRATION Nº 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10 FEB., 1971
PARTY N. J. M. L.D.T. H.M.	REFERENCES GLO PLAT
WEATHER FAIR-COOL	FILE CHEVRON OIL-ALTAMONT

March 15, 1971

Chevron Oil Company
Box 455
Vernal, Utah 84078

Re: Chevron-King Silver et al
E. Bennion Unit #1 (3-25G)
Sec. 25, T. 1 S, R. 4 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is granted in accordance with the Order issued in Cause No. 139-1, June 17, 1970.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. The API number assigned to this well is 43-013-30060.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

Budget Bureau No. 42-R714.4.
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE .....
TRIBE .....
LEASE NO. .....

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Duchesne *Field* Altamont

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, *19*71,

Agent's address P. O. Box 455 *Company* Chevron Oil Co., Western Div.

Vernal, Utah 84078 *Signed* Original Signed by R. W. PATTERSON R. W. PATTERSON

Phone 789-2442 *Agent's title* Unit Superintendent

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
										Chevron-King Silver et al E. Bennion Unit #1
Approx. Cent. NE¼ Sec. 25	1S	4W	(3-25G)							Present Status: 8299' and drilling.
										Operations Conducted
										Moved in R. L. Manning Company's rig #20 and spudded at 1:30 PM April 6, 1971. Drilled 22" hole to 46' and cemented 16" conductor pipe w/ 75 sacks Type G cement containing 3% CaCl. Drilled 15" hole to 1514'. Cemented 10 3/4", 40.5#, K-55 casing at 1514' w/ 500 sacks 50/50 Pozmix w/ 2% Gel, 2% CaCl and 1/4 #/sack Flosal followed by 700 sacks 50/50 Pozmix w/ 2% Gel, 2% CaCl, followed by 300 sacks Type G cement w/ 3% CaCl. Drilled out cement. Drilled 8 3/4" hole from 1514' to 8299'. Continuing drilling operations.

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329A (December 1948) USGS, SLC-2; O&GCC, SLC-1; King Silver Corp., Denver, Vernal-lea.; Walter Duncan-2 Denver, File-1;

16—26231-6 U. S. GOVERNMENT PRINTING OFFICE
833-351

Budget Bureau No. 42-R714.4
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE _____
TRIBE _____
LEASE NO. _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Duchesne *Field* Altamont

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, *19* 71,

Agent's address P. O. Box 455 *Company* Chevron Oil Co., Western Div.

Vernal, Utah 84078 *Signed* Original Signed by R. W. PATTERSON R. W. PATTERSON

Phone 789-2442 *Agent's title* Unit Superintendent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Approx. Cent. NE¼ Sec. 25	1S	4W	(3-25G)							Chevron-King Silver et al E. Bennion Unit #1 (3-25G) Present Status - 12,300' drilling ahead Operations Conducted Drilled 8 3/4" hole from 8299' to 11,321'. Ran DST #1 (11-121-11,321'). 60 min test. GTS in 42 mins of FF - TSTM. Rec 2668' of hly gas & oil cut water cushion and 1767' of hly gas cut oil. Pressures: IHH 5258, IF 1388-1472, ISI 4758, FF 1535-1849, FSI 4298, FHH 5258. Drilled 8 3/4" hole to 12,300'. Ran BHC, DIL and Density logs. Cemented 7", 26#, RS-95 casing at 12,300' with 200 sacks 50/50 Pozmix cement containing 10% salt, 2% Gel, 1¼% CFR-2 with 1/8# per sack flosal, followed by 600 sacks 50/50 Pozmix containing 10% salt, 2% Gel and 1¼% CFR-2. Tailed in with 150 sacks Type "G" cement containing 18% salt, 1% CFR-2 and 0.2% HR-4. Preparing to drill ahead.

NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold; _____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329A
(December 1948)

USGS, SLC-2; O&GCC, SLC-1; Sabine Expl. Corp, Denver-1; Walter Duncan, Denver-2; File-1

16-26284-5 U.S. GOVERNMENT PRINTING OFFICE
833-351

Budget Bureau No. 42-R714.4.
Approval expires 12-31-60.

b

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE .....
TRIBE .....
LEASE NO. .....

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Duchesne *Field* Altamont

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, *19*71,

Agent's address P. O. Box 455 *Company* Chevron Oil Co., Western Div.
Vernal, Utah 84078 *Signed* Original Signed by R. W. PATTERSON R. W. PATTERSON
Phone 789-2442 *Agent's title* Unit Superintendent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Approx. Cent. NE¼ Section 25	1S	4W	(3-25G)							

Chevron-King Silver et al E. Bennion Unit #1

Present Status - 13,744' and drilling.

Operations Conducted

Drilled 6 1/8" hole from 12,300' to 12,934'. Ran DST #2 (12,300-934'). 90 min test. Tool opened fair - string in 30 mins, increased to very strong at end. GTS 55 mins into FSI - TSTM. Recovered 3600' water cushion, 3370' sli oil & gas cut mud and 674' hi oil cut mud. Pressures: IH 6850, IF 1751-1831, ISI 6823, FF 1965-2261, FSI 6690, FHH 6797. Drilled 6 1/8" hole to 13,458', ran DST #3 (13,293-13,458'). 110 mins test. T O weak - strong at 2 min - steady. R O weak - strong at 1 min. WCTS in 48 mins and GTS in 90 mins into FF. Gauged 15 bbls SMC, HCC oil in 15 min on 1" choke w/ 100-150 psi. Pressures: IH 7704, IF 1778-3632, ISI 6289, FF 3739-3847, FSI 6289, FHH 7704. Drilled 6 1/8" hole to 13,744'.

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329A (December 1948) USGS, SLC-2; O&GC, SLC-1; Sabine Expl., Denver-1; Walter Duncan, Denver-2; File-1

16-26217-6 U.S. GOVERNMENT PRINTING OFFICE
833-351

Budget Bureau No. 42-R714.4.
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE .....
TRIBE .....
LEASE NO. .....

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Duchesne *Field* Altamont

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1971,

Agent's address P. O. Box 455 *Company* Chevron Oil Co., Rocky Mtn. Div.

Vernal, Utah 84078 *Signed* R. L. Scott

Phone 789-2442 *Agent's title* Lead Drlg. Eng.

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
										Chevron-King Silver et al E. Bennion Unit #1
Approx. Cent. NE¼ Sec. 25	1S	4W	USM	(3-25G)						Present Status: TD - 14,460' PBTD: 14,460'

Operations Conducted

Spotted 250 gals 15% HCL acid and attempted to B/D squeezed perfs at 13,600' w/6000 psi with no success. Received orders to proceed with completion and not try to cement squeeze. Displaced hole w/ treated water. Set Baker Model "D" Retainer Production Packer at 12,000'. Ran and landed 5-1/2", 14#, J-55 heat string casing with Belled joint on bottom to 2984'. Hydrotested to 6000 psi. Landed 2-7/8 and 2-3/8" N-80 production tubing string at 12,692'. Released ~~drlg~~ drilling rig at 8:00 AM, 8-4-71. Moved in and rigged up completion rig on 8-10-71. Perforated w/2 jets per foot w/thru tbg guns at 13766-780, 13788-807, 13824-840, 13846-864, 13946-950, 13974-979, 14000-008, 14040-060, 14103-110, 14122-130, 14140-152, 14182-188, 14220-244, 14256-288, 14322-370, 14404-414. Released completion rig 8-16-71. Flow testing well.

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329A (December 1948) USGS, SLC-2; O&GCC, SLC01; Sabine Expl., Denver-1; Walter Duncan-Denver-2; Denver-1; File-1

16—26231-6 U. S. GOVERNMENT PRINTING OFFICE
833-351

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR
Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR
P. O. Box 599 Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1474 ft. S of N & 1164 ft. W of E Line ($SE\frac{1}{4}NE\frac{1}{4}$)

5. LEASE DESIGNATION AND SERIAL NO.
CA Pending

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Uintah - Ouray

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
E. Bennion Unit

9. WELL NO.
1 (3-25G)

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
S 25, T1S, R4W, USM

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 6421

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Progress Report			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See progress report attached.

18. I hereby certify that the foregoing is true and correct

SIGNED J. W. Greer TITLE Division Drlg. Supt. DATE 10-1-71

J. W. Greer

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

CHEVRON OIL COMPANY
WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY WELL NAME: CHEVRON BENNION UNIT #1 (3-25G)

FIELD: ALTAMONT LOCATION: NE¼ Sec. 25, T1S, R4W
Duchesne County, Utah

DRILLING REPORT

9-1-71 14,460 PBTD. Flow tested 24 hrs. : 444 BOPD, 48/64" choke, 682 GOR, TP 500 psi.

9-2-71 14,460 PBTD. Flow testing (24 hrs): 358 BOPD, 48/64" choke, GOR 616, TP 475 psi.

9-3-71 14,460 PBTD. Flow testing (24 hrs): 303 BOPD, 48/64" choke, GOR 690, TP 475 psi.

9-7-71 14,460 PBTD.
9-3-71: 380 BOPD, 0 BWPD, GOR 501, 48/64" choke, TP 375 psi
9-4-71: Acidized w/20,000 gal at 9-7 BPM w/9400-7800 psi. ISIP 4700 PSI to 400 psi in 15 min. SI 2 hrs.
9-4-71: (12½ Hrs) 423 BO, 178 BLW, GOR 1324, 48/64" choke, TP 650 psi.
9-5-71: 856 BOPD, 23 BLW, GOR 474, 48/64" choke, TP 500 psi.
9-6-71: 596 BOPD, 0 BWPD, GOR 519, 48/64" choke, TP 480 psi.

9-8-71 14,460 PBTD. Flow tested 24 hrs: 639 BOPD, 0 BWPD, 52/64" choke, GOR 545, TP 300 psi.

9-9-71 14,460 PBTD. Flow testing: 650 BOPD, 9 BLW, 48/64" choke, GOR 476, TP 200 psi.

9-10-71 14,460 PBTD. Flow testing: 477 BOPD, 0 BWPD, 52/64" choke, GOR 535, TP 150 psi.

9-13-71 14,460 PBTD. Flow testing:
9-10-71 349 BOPD, 1 BWPD, 52/64" choke, GOR 554, TP 160 psi.
9-11-71 314 BOPD, 0 BWPD, 52/64" choke, GOR 542, TP 110 psi
9-12-71 260 BOPD, 0 BWPD, 52/64" choke, GOR 498, TP 100 psi.

9-14-71 14,460 PBTD. Flow testing: 173 BOPD, 0 BWPD, 52/64" choke, GOR 527, TP 100 psi.

9-15-71 14,460 PBTD. Well died. Hot oiled w/100 Bbl. RC. PI 25-30 bbls at 250 psi before tbg on vac. SI overnite w/TP 0 this AM.

9-16-71 14,460 PBTD. Well dead. R/U to reperf several original intervals and expose all other possible productive zones in the lower pay section.

9-17-71 14,460 PBTD. Ran sinker bars, found FL at 3375 and tagged fill at 14,389. Spudded on fill but unable to get deeper. While POOH stripped one strand off 3800' W/L thru lubricator leaving insufficient W/L to perform job - Rec. strand at surface. WO arrival another truck and R/U. Prep to perf this AM.

CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY WELL NAME: CHEVRON BENNION UNIT #1 (3-25G)

FIELD: ALTAMONT LOCATION: NE¼ Sec. 25, T1S, R4W Duchesne County, Utah

DRILLING REPORT

9-20-71 14,460 PBTD. Perfd per approved program 15 zones in the interval 13,768-14,390 w/4 SPF. TP 0 w/fluid at surface after perfing. R/U and swabbed well in w/7 runs. Prod test: (24 hrs) 574 BO, 0 BW, 48/64" choke, GOR 458, TP 350 psi.

9-21-71 14,460 PBTD. Flow testing (19 Hrs): 303 BO, 48/64" choke, GOR 443, TP 325 psi.

9-22-71 14,460 PBTD. Flow testing (24 hrs): 297 BOPD, 48/64" choke, GOR 384, TP 325 psi.

9-23-71 14,460 PBTD. Tested (24 hrs): 238 BOPD, 48/64" choke, GOR 480, TP 250 psi. R/U and prep to perf upper Shell-Miles pay section.

9-24-71 14,460 PBTD. R/U to perf upper Miles pay section. Had trouble getting thru tbg guns down. Tagged at 14,347 and perfd 13,402-433 and 13,348-382 w/4 SPF. Continuing to perf this AM.

9-27-71 14,460 PBTD. Completed perfing upper Miles pay with a total of 13 zones in the interval 12,806-13,433 w/4 SPF. Tagged at 14,379 on last run. Well started flowing after exposing last 2 top zones. Gauged 62 BO in 15 hrs. on 50/64" choke w/TP 200-800 psi - choke plugging. Cleaned out choke w/24 hrs. test: 319 BOPD, 50/64" choke, GOR 604, TP 250 psi - only 15 hrs. of test choke clean.

9-28-71 14,460 PBTD. Flow testing: 293 BOPD, 40/64" choke, GOR 520, TP 225 psi.

9-29-71 14,460 PBTD. Flow testing (19 hrs): 234 BO, 50/64" choke, GOR 614, TP 70 psi - well died at 9:00 PM 9-28-71.

9-30-71 14,460 PBTD. Well dead. Hot oiled w/50 Bbl. RC - TP on slight vac after 25-30 bbl. Left well shut in overnight - still dead this AM. R/U to swab in.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: CA NW-96-30

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uintah - Ouray

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Chevron Oil Company - Western Division

8. FARM OR LEASE NAME: E. Bennion Unit

3. ADDRESS OF OPERATOR: P. O. Box 599 Denver, Colorado 80201

9. WELL NO.: 1 (3-25G)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1474 ft. S of N & 1164 ft. W of E Line ($SE\frac{1}{4}NE\frac{1}{4}$)

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25, T1S, R4W, USM

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 6421

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Progress Report			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached October daily progress report.

18. I hereby certify that the foregoing is true and correct

SIGNED J.W. Greer /WGB TITLE J. W. Greer Division Drlg. Supt. DATE 11-1-71

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON BENNION UNIT #1 (3-25G)

FIELD: ALTAMONT

LOCATION: NE¼ Sec. 25, T1S, R4W
Duchesne County, Utah

DRILLING REPORT

10-18-71 14,460 PBTD. Flow testing: 10-15: 454 BOPD, 12 BLW, 40/64" choke, GOR 648, Tp 225 psi. 10-16: 495 BOPD, 53 BLW, 40/64" choke, GOR 547, TP 150 psi. 10-17: 505 BOPD, 30 BLW, 40/64" choke, GOR 536, TP 300 psi. Attempted to run tracer survey - unable to get below 2300' w/tools in tbg string. Plan to run paraffin knife.

10-19-71 14,460 PBTD. Flow testing (14 hrs) 247 BO, 8 BLW, 40/64" choke, TP 150 psi - well dead at 2:00 AM. Ran paraffin knife and cut paraffin 2300-3000'. Ran cutter to 4000' and started POOH. Wireline parted at surface at 3000' dropping tools and 3000' w/l down tbg string. GIH w/wireline fishing tools.

10-20-71 14,460 PBTD. Flow test (24 hrs) 392 BO, 7 BLW, 40/64" choke, GOR 692, TP no gauge. Ran W/O spear but unable to get below 2300'. Ran paraffin cutter and cut hard paraffin 2300-2800'. Reran spear but still unable to get down below 2800'. Rerunning paraffin knife.

10-21-71 14,460 PBTD. Tested (19 hrs) 371 BO, 22 BLW, 40/64" choke, GOR 832, TP no gauge. Cut hard paraffin 2800-3000' and soft plug at 4100'. Ran W/L spear and latched W/L and fish at plus minus 11,400'. POOH w/spear and plus minue 2850' W/L. Line parted again. Reran spear and re-latched W/L at 80' down. Pulled into subricator and stuck fish - unable to get above master valve to close or drop back down due to paraffin or balled plus minus 200' W/L above fish. Heating tree and lubricator w/wtr and hot oil unit.

10-22-71 14,460 PBTD. Tested (16 hrs) 338 BO, 21 BLW, 32/64" choke, GOR 768, TP 350 psi. Heated tree and lubricator w/hot oil unit but unable to free fish. Killed well temporarily w/2 bbl. wtr down tbg. Removed lubricator, rec fish and returned well to production.

10-26-71 14,460 PBTD. Tested. 10-22: 430 BO, 17 BLW, 32/64" choke, TP 325 psi.
10-23: 391 BO, 18 BLW, 31/64" choke, TP 325 psi.
10-24: 397 BO, 11 BLW, 32/64" choke, TP 300 psi.
10-25: 319 BO, 1 BLW, 32/64" choke, TP 300 psi.

10-27-71 14,460 PBTD. Tested: 319 BO, 0 BW, 32/64" choke, TP 275. Attempted to run Schl. prod logs, unable to get below 2800'. Preparing to HO w/25 bbls. RC and make another attempt.

CCRS

CHEVRON OIL COMPANY
WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON BENNION UNIT #1 (3-25G)

FIELD: ALTAMONT

LOCATION: NE¼ Sec. 25, T1S, R4W
Duchesne County, Utah

DRILLING REPORT

10-28-71 14,460 PBTD. Tested 3 hrs. 51 BO, 0 W, 32/64" choke, Well dead. Hot oil w/25 bbl. Rangely Crude to remove paraffin. Killed well. Swabbing well in this AM to run prod. logs.

10-29-71 14,460 PBTD Swabbing well in.

11-01-71 14,460 PBTD Swabbed well in and ran production logs. Test:
10-29-71 425 BO, 0 BW, 32/64" choke, TP 280.
10-30-71 495 BO, 0 BW, 32/64" choke, TP 250.
10-31-71 426 BO, 70 BW, 32/64" choke, TP 250.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: CA 9M 96-30

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uintah-Ouray

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Chevron Oil Company - Western Division

8. FARM OR LEASE NAME: R. Bennion Unit

3. ADDRESS OF OPERATOR: P. O. Box 599 Denver, Colorado 80201

9. WELL NO.: 1 (3-25G)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1474' S of N & 1164' W of E Line ($SE\frac{1}{4}NE\frac{1}{4}$)

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25, T1S, R4W, USM

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 6421

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

U. S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE	X	ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(Other)							

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

It is planned to reacidize the well as follows:

1. Move in workover unit. Kill well with salt water. Pull tbg & 5½" circulation string.
2. Mill out production pkr at 12,000'.
3. Make casing scraper run and clean out to PBTD.
4. Run Retrievable BP and Retrievalbe cementer. Set RBP at 13,450 and RC at 13,230. Acidize Miles perforated intervals 13,270-13,433 w/3000 gal. 15% HCL followed by 15,000 gal. 15% HCL containing 60#/1000 gal. Unibeads, followed by 2000 gal. 15% HCL.
5. Swab to recover acid.
6. Kill well w/salt water.
7. Reset RBP @ 13,230 & RC @ 12,950. Acidize Miles perforated intervals 12,982-13,183 w/2000 gal. 15% HCL followed by 7000 gal. 15% HCL w/60#/1000 gal. Unibeads, followed by 1000 gallons 15% HCl.
8. Swab to recover acid.
9. Kill well with salt water.
10. Reset RBP @ 12,950 and RC @ 12,750. Acidize Miles perforated intervals 12,806-12,914 w/1000 gal. 15% HCL followed by 5000 gal. 15% HCL w/60#/1000 gal. Unibeads, followed by 1000 gallons 15% HCL.
11. Swab to recover acid.
12. Kill well with salt water & POOH with RC & RBP.
13. Set Model "D" production pkr @ 12,000'.
14. Run 5½" circulation string to 4500.
15. Run production tbg. Swab well in. Return well to production.

18. I hereby certify that the foregoing is true and correct

SIGNED J. W. Greer / J. PH TITLE J. W. Greer Division Drlg. Supt. DATE 11-16-71

(This space for Federal or State office use)

APPROVED BY Gerald R. Daniels TITLE DISTRICT ENGINEER DATE NOV 22 1971

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGCC-3

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL XX GAS WELL ☐ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL X WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR
Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR
P. O. Box 455, Vernal, Utah 84078

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 1476' FNL and 1164' FEL of Sec. 25, T1S, R4W, USBM
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: Fee Land
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Chevron-King Silver et al E. Bennion
9. WELL NO.: Unit #1 (3-25G)
10. FIELD AND POOL, OR WILDCAT: Altamont Field
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 25, T1S, R4W, USBM
12. COUNTY OR PARISH: Duchesne
13. STATE: Utah

14. PERMIT NO. / DATE ISSUED

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-6-71	7-30-71	10-9-71	KB-6435	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
14,490	14,460		→	0-14,490	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 12,806 - 13,433

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: BHC-Sonic-GR, DIL, FDC-GR, Core Slicer, Temp log, CBL w/sonic seismogram

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5#	1,514	15"	See attached	
7"	26#	12,300	8-3/4"	See attached	
5-1/2"	14#	2,983.75	Heat string	hung inside 7" casing	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	12,179	14,488	250	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8 & 2-3/8"	12,692	12,000'

31. PERFORATION RECORD (*Interval, size and number*): See Attached

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
9-1-71	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-10-71	24	30/64		433	236	0	545

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
300						43.0

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED R. L. Scott R. L. SCOTT TITLE Lead Drilling Eng. DATE 11-18-71

*(See Instructions and Spaces for Additional Data on Reverse Side)

O&GCC, SLC-3; USGS, SLC-1; W. Duncan-2, Shell Oil-1; Sabine-1; Denver-1; Well File-1

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	11,121	11,321	60 min test. GTS in 42 mins of FF, TSTM. Rec 2668' of hly gas & oil cut water cushion and 1767' of hly gas cut oil. Pressures: IHH-5258, IF-1388-1472, ISI-4758, FF-1535-1849, FSI-4298, FHH-5258.
	12,300	12,934	90 min test. Tool opened fair - strong at end. GTS 55 min into FSI - TSTM. Rec 3600' water cushion, 3370' sli oil & gas cut mud and 674' Hi oil cut mud. Pressures: IH-6850, IF-1751-1831, ISI-6823, FF-1965-2261, FSI-6690, FH-6797.
	13,293	13,458 steady.	110 min test. TO weak - strong at 2 min- R/o weak - strong at 1 min. WCTS in 48 min and OTS in 90 min into FF. Gauged 15 bbls SMC, HGC oil in 15 min on 1" choke w/100-150 psi. Pressures: IH-7704, IF-1778-3632, ISI-6289, FF-3739-3847, FSI-6289, FHH-7704.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Duchesne River	Surface	(+6435)
Uintah	3562	(+2,873)
Green River	6,395	(+40)
Mahogany Zone	8,995	(-2,560)
K	11,264	(-4,829)
CP 90	11,818	(-5,383)
Transition	11,900	(-5,465)
CP 150	12,530	(-6,095)
CP 175	13,263	(-6,828)
CP 270	14,340	(-7,905)

NOV 22 1971

CHEVRON OIL COMPANY
WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON BENNION UNIT #1 (3-25G)

FIELD: ALTAMONT

LOCATION: NE¼ Sec. 25, T1S, R4W
Duchesne County, Utah

DRILLING REPORT

10-4-71 14,460 PBTD. Swb well in @ 10:00 AM 10-1-71. Flow tested 10-1-71 16 hrs., 423 BO, 0 BW, 50/64" choke, GOR 517, TP 250 psi. 10-2-71 Flow tested 24 hours, 329 BO, 5 BW, 50/64" choke, GOR 640, TP 250 psi. 10-3-71 Flow tested 24 hours: 309 BO, 11 BW, 50/64" choke, GOR 638, TP 60 psi. Flow line pressure 60. Well dead @ 2:00 AM 10-4-71.

10-5-71 14,460 PBTD. Flowed intermittenly. Prod (15 hrs) 191 BO, 0 BW, 40/64" choke, TP 80 psi, FLP 80 psi. Plan to acidize.

10-6-71 14,460 PBTD. Flowed intermittenly. Prod (20 hrs) 247 BO, 0 BW, 40/64" choke, GOR 677, TP 150 psi. R/U to acidize.

10-7-71 14,460 PBTD. R/U to acidize. Attempted to pressure up annulus but press continued to bleed off w/fluid bypass indicated inside immediately below tree - appears to be tbg hgr. MI compl. rig and R/U. Prep to P/U tbg string to check hgr. Well Prod: (2 hrs): 21 BO, 0 BW, 40/64" choke, GOR --, TP 50 psi. Well dead.

10-8-71 14,460 PBTD. P/U tbg string and replaced tbg hgr. Acidized w/18,000 gal. in 3 stages. Swabbed well in and flow tested. Prod (10 hrs): 330 BO, 71 BLW, 30/64" choke, GOR 631, TP 450 psi.

10-11-71 14,460 PBTD. Flow testing: 10-8: (21 hrs) 554 BO, 54 BLW, 30/64" choke, GOR 550, TP 300 psi. 10-9: (24 hrs) 514 BO, 35 BLW, 30/64" choke, GOR 514, TP 350 psi. 10-10: (24 hrs) 433 BO, 57 BLW, 30/64" choke, GOR 545, TP 300 psi.

10-12-71 14,460 PBTD. Flow testing. 482 BOPD, 23 BLW, 30/64" choke, GOR 510, TP 250 psi.

10-13-71 14,460 PBTD. Flow testing: 453 BOPD, 30 BLW, 30/64" choke, GOR 434, TP 350 psi.

10-14-71 14,460 PBTD. Flow testing: 432 BOPD, 20 BLW, 30/64" choke, GOR 574, TP 200 psi.

10-15-71 14,460 PBTD. Flow testing: (20 hrs) 371 BO, 17 BLW, 20/64" choke, GOR 801, TP 300 psi.

cc: RS

FORM OGC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number: Chevron - Bennion Unit #1-25A4

Operator: Chevron Oil Co., Western Division

Address: P.O. Box 599, Denver, Colo. 80201

Contractor: _____

Address: _____

Location: SE 1/4, NE 1/4, Sec. 25, T. 1 N./S., R. 4 E./W., Duchesne County.

Water Sands: Well drilled with fluid. No data recorded on fresh wtr. section.

	Depth: From -	Depth: To -	Volume: Flow Rate or Head -	Quality: Fresh or Salty -
1.				
2.				
3.				
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR: P. O. Box 599 Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1476' FNL & 1164' FEL (SE¼NE¼)

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Bennion Unit

9. WELL NO.: 1 (3-25G)

10. FIELD AND POOL, OR WILDCAT: Altamont - Miles & 1-26

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S25, T1S, R4W, USB&M

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6435

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[X]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

We plan to perforate additional zones in this well. See attached for procedure to be followed.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 8-21-72

BY C B Feight

18. I hereby certify that the foregoing is true and correct

SIGNED R B Wacker TITLE R. B. Wacker Division Engineer DATE 8-17-72

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Workover No. 2
E. Bennion #1 (3-25G)
Altamont Field

RECOMMENDED PROCEDURE

1. Shut well in. Perforate interval 13,927-12,746' (82 holes - individual perfs shown on attached sheet) with one high performance jet each using a 1-9/16" thru tubing gun.

2. Flow test well to determine capacity and pressure of zone. If substantial increase, stop workover here. If not;

3. MIR. Kill well with brine water (fresh water should hold last measured pressure).

4. Remove tree. Install hydraulic BOP's.

5. POOH w/1-1/2" heat string and lay down in singles.

6. POOH w/production tubing. Lay down 2-3/8" tubing.

7. Drop Baker "DR" plug to seal Model "D" packer at 11,986'.

8. Perforate interval 11,975'-10,788' (90 holes - individual perfs shown on attached sheet) with one high performance jet charge each using a 3-3/8" or larger gun.

9. RIH w/Baker "DR" plug retrieving tool and a pakcer. Set packer at 10,700'±.

10. Breakdown and acidize perfs 10,788-11,975 with 9000 gallons 15% HCl acid containing scale inhibitor and NE agent and 100 - 7/8" phenolic balls at maximum rate and 10,000 psi maximum pressure. Drop one ball each 50 gallons acid until all are dropped, displace with brine water. Hole 1000-2000 psi on annulus.

11. Backflow well to drop balls. Unseat packer, retrieve "DR" plug and POOH.

12. Run 2-7/8" EUE, 6.5#, N-80 production tubing as follows:

    Bottom to Top

    Locator sub and seal assembly - collar on bottom
    2 - jts 2-7/8" tubing
    1 - 10'± 2-7/8" pup jt - perforated
    60 - jts 2-7/8" tbuing
    Baker 2-7/8" x 7" Model "B" anchor-catcher
    2 - jts 2-7/8" tubing
    Mechanical PSN
    324 - jts 2-7/8" tubing

    Tag Model "D" pakcer and pick up 1'-2'. Space out as necessary to set anchor in this position with 18,000# tension.

13. Remove BOP. Set anchor. Install BW hanger and land tubing. Install top flange and master valve.

14. Perforate interval 12,680-12,012 (23 holes - individual perfs shown on attached sheet) with one high performance jet charge each using a 2" tubing gun.

15. Install pumping tee and hookup to flowline.

16. Production foreman will install 1-3/4" pump RHB, rods and pumping unit. Start treating well for corrosion to protect rods.

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR: P. O. Box 599 Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1476' FNL & 1164' FEL (SE¼NE¼)

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Bennion Unit

9. WELL NO.: 1 (3-25G)

10. FIELD AND POOL, OR WILDCAT: Altamont - Miles & 1-26

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S 25, T1S, R4W, USB&M

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6435

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Progress Report			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached Daily Progress Report for workover activity.

18. I hereby certify that the foregoing is true and correct

SIGNED R B Wacker /DGB TITLE R. B. Wacker Division Engineer DATE 8-30-72

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Shell
Duncan
Sabine

CHEVRON OIL COMPANY
WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON BENNION UNIT #1 (3-25G)

FIELD: ALTAMONT

LOCATION: NE¼ Sec. 25, T1S, R4W
Duchesne County, Utah

DRILLING REPORT

8-14-72 14,454 PBTD (Workover) Perforated 82 zones 12,746-13,927. TP incr gradually 450-900 while perf. On test: 8-12-72 F 157 BO, 0 BW, 16/64" ch, TP 800. 8-13-72 F 87 BO, 19 BW, 16/64" ch, TP 640.

8-15-72 14,454' PBTD. Flowed 181 BO & 34 BW, 20/64" ch, TP 80. Prep to MIWOR to perf Green River section & install ppg unit.

8-16-72 14,454' PBTD. MIWOR.

8-17-72 14,454' PBTD. RU WOR. Flowed 217 BO & 20 BW, 20/64" ch, TP 400.

8-18-72 14,454' PBTD. Killed well w/10# brine. Install BOP's. Picked up on 1-1/2" heat string, pulled 1 jt & collar hung in tbg hanger. Pin pulled out of collar, dropping 3842' of 1-1/2" heat string in annulus. Prep to run free point in 2-7/8".

8-21-72 PBTD 14,454'. Ran FP in 2-7/8". Stuck @ 11,241'. Cut 2-7/8" @ 10,900' w/chem cutter. POOH. Ran overshot, engaged 1-1/2" tbg fish @ 8161. Pulled & rec all 1-1/2" tbg. GIH w/overshot to catch 2-7/8" tbg.

8-22-72 PBTD 14,454'. Ran O/S & engaged 2-7/8" fish. Pulling fish.

8-23-72 PBTD 14,454'. Pulled & rec all tbg fish. Set "DR" plug in pkr @ 11,986'. Tested to 1800 psi OK. Pulling setting tool.

8-24-72 PBTD 14,454'. Perforating. POOH with "DR" plug setting tool. RU & perf 16 zones 11,884-11,975 w/1 shot /zone. contg to perf.

8-25-72 14,454' PBTD. Prep to pump into well. Perfd 23 zones 11,882-225 in 4 runs w/1 hole/zone. TP increased to 500 psi after perf 11,852-266 (12 zones). SIFN, TP this AM 850.

8-28-72 PBTD 14,454'. Pumped 30 bbls brine in csg @ 3000 psi. TP bled to 1300 in 1/2 hr. Open to pit, bled to 0 in 10 min. WIH w/perf gun, TP incr to 450. Perf 11,254-160 w/1 shot/zone. Pump additional 52 BW in csg. SITP 1450, decreasing to 900 psi overnite. Open to pit, flwd stdy 1" stream. Set Retrieva "D" pkr w/flapper valve on wireline @ 11,000'. Bled pressure to 0, well dead. Ran tbg to top of Model "D" & circ well w/9.8# brine. Stung into pkr, had 690 psi immediately. Open to pit, flwd 2" stream (1/2 BPM) for 15 min. SI overnite. TP 800. Prep to displace brine with 11.1# $CaCl_2$ water.

CCRS

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR: P. O. Box 599 Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1476' FNL & 1164' FEL (SE¼NE¼)

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Bennion Unit

9. WELL NO.: 1 (3-25G)

10. FIELD AND POOL, OR WILDCAT: Altamont-Miles & 1-26

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S 25, T1S, R4W, USB&M

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6435

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Progress Report			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached Daily Progress Report for work activity.

18. I hereby certify that the foregoing is true and correct

SIGNED W G Baker for RBW TITLE R. B. Wacker Division Engineer DATE 9-28-72

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Shell
Duncan
Sabine

CHEVRON OIL COMPANY
WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY

WELL NAME: CHEVRON BENNION UNIT #1 (3-25G)

FIELD: ALTAMONT

LOCATION: NE¼ Sec. 25, T1S, R4W
Duchesne County, Utah

DRILLING REPORT

9-12-72	PBTD 14,454'. Ran tbg & seal assy. Disp mud in hole w/wtr. Landed tbg in pkr @ 10,650 & had 2325 psi TP immed. Install BP valve. Running 1-1/2" heat string.
9-13-72	PBTD 14,454'. Landed heat string & NU tree. Open to pit w/2325 psi TP, bled to 0 immed, flwd 2" strm wtr, decr to 1/2" strm mud in 4-1/2 hrs. SIFN. TP 300. Flwg 1" strm mud to pit, TP 0.
9-14-72	PBTD 14,454'. Cleaned to pit & turned to battery. F 70 BO in 14 hrs. 16/64" ch, TP 200.
9-15-72	PBTD 14,454'. Ran sinker bars to 11,950 OK. T/pkr @ 11,986'. Prep to acidize. F 77 BO, 0 BW, 16/64", TP 100.
9-18-72	PBTD 14,454'. Acidized w/2000 gal 7½% HCl followed by 5000 gal mud acid w/60 balls @ 14 BPM w/5600 psi. ISIP 3500 psi, 15 min 2800± psi. Opened well to pit & flowed back all load & acid water w/0 TP in - 6 hrs. SI well for night. TP built to 1600 psi overnight. Turned well to btry on 30/64" choke w/375 FTP. 24 hr. test 114 BO, 0 BW, 30/64", TP 350. Continuing to test.
9-19-72	PBTD 14,454'. F 93 BO, 1 BW, 20/64" chk, TP 100.
9-20-72	PBTD 14,454'. F 72 BO & 0 BW, 20/64" chk, TP 100. RU to perf additional zones.
9-21-72	PBTD 14,454'. Perfd 21 zones 11,114-11,157 w/1 shot/ft. F 103 BO, 0 BW, 20/64", TP 100 in 24 hrs.
9-22-72	PBTD 14,454'. Perf 19 zones 10,788-11,112 with 1 shot/zone. F 72 BO, 1 BW, 20/64", TP 200. No change while perforating.
9-25-72	9-22 F 62 BO, 0 BW, 20/64", TP 100. 9-23 F 46 BO, 0 BW, 16/64", TP 200, 20 hrs. 9-24 F 62 BO, 0 BW, 16/64", TP 200.
9-26-72	F 41 BO, 0 BW, 16/64", TP 100 in 21 hrs. Final Report.

CCRJ

Shell
Duncan
Sabine

CHEVRON OIL COMPANY
WESTERN DIVISION

OPERATOR: CHEVRON OIL COMPANY WELL NAME: CHEVRON BENNION UNIT #1 (3-25G)

FIELD: ALTAMONT LOCATION: NE¼ Sec. 25, T1S, R4W
Duchesne County, Utah

DRILLING REPORT

8-29-72	PBTD 14,454'. Mixing $CaCl_2$ wtr. SITP 890.
8-30-72	PBTD 14,454'. Circulated hole w/11.2# $CaCl_2$ wtr, returns highly gas cut. SI overnite, TP 100 psi. Open to pit, F 1" stream oil cut wtr for 15 min. SITP 50 psi in 20 min. Prep to incr wt of $CaCl_2$ wtr.
8-31-72	PBTD 14,454'. Circ 11.4# $CaCl_2$ around, well dead. SIFN, TP & CP this AM 150. Bled to 0 immed, flwg 1/2" stream. Prep to circ.
9-1-72	PBTD 14,454'. Circ around w/11.4# wtr, had 22 bbls HO&GC wtr off btm. SIFN. TP 100, CP 35. Raising wt to 11.6#.
9-5-72	PBTD 14,454'. Circulated well w/11.8# wtr overnite SIP 150 on tbg & 100 psi on csg. Bled off, csg dead, tbg flowing 1/2" strm. Released retrieva "D" pkr. Flwd back total 21 bbls wtr in 50 min. SIFN, TP 200, CP 345. Bled to 0, tbg & csg flwg 1/2" stream. Circ out w/11.8# wtr & started out of hole. Pulled 61 stds & tbg began heading. SIFN, TP & CP 120. Bled off press, prep to circulate.
9-6-72	PBTD 14,454'. Attempted to build 100 bbl $CaCl_2$ water to 11.8#/gal. Unable to build above 11.2# due to cold water. Opened tbg & csg w/120 psi to pit flowing 1" stream water. Rig up McCullough to set aluminum tbg plug. Displaced tbg w/fresh water. Shut down for storm. This AM had 120 psi on csg & 950 psi on tbg. Bled csg to 0 psi. Preparing to set alum. plug.
9-7-72	PBTD 14,454'. Well conditions unsafe to finish pulling tbg. Prep to kill well with mud.
9-8-72	PBTD 14,454'. Reversed fresh wtr out of tbg. Pump 10 B 12.5# mud in tbg & ran tbg to 11,000'. Circ out w/12.5# mud, well dead. Pulled 37 std & SIFN. Well dead. Pulling tbg.
9-11-72	14,454' PBTD. Finished POOH w/Retrieva D pkr. Lost guide off btm. Redressed pkr, ran 5.71" gage ring & junk basket. RIH 650' unable to get deeper. POOH & rec. 3 large pieces from pkr. Reran gage ring & JB puhsing junk to 10,850'. POOH w/JB dragging 7000-3200' & top 700'. Failed to rec any junk. Reran JB to 700'. POOH. No rec. Reran JB w/6.003" gage ring. Pushed junk to 11,450', POOH. Rec. small pieces of guide. Ran & set Retrieva D pkr @ 10,650. PU 20' seal assy & GIH.

CCRS

Form OGCC-3

REVISED

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: (ADDITIONAL SUPPLEMENTARY COMPLETION)
NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR
Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR
P. O. Box 599, Denver, Colorado 80201

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface
1476' FNL & 1164' FEL
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Chevron-King Silver et al E. Bennion

9. WELL NO.
Unit #1 (3-25G)

10. FIELD AND POOL, OR WILDCAT
Altamont Field

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 25, T1S, R4W USBM

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. PERMIT NO. | DATE ISSUED

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-6-71	7-30-71	10-9-71	KB 6435'	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
14,490	14,454		→	Yes	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
10,788'-14,414'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
BHC-Sonic-GR, DIL, FDC-GR, Core Slicer, Temp Log, CBL w/sonic seismogram

27. WAS WELL CORED
No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4	40.5#	1,514	15"	See attached	
7	26 #	12,300	8-3/4"	See attached	
5-1/2	14 #	2,983.75	heat string	hung inside 7" casing	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	12,179	14,488	250	
				heat string

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	10,673	10,650
1-1/2	2,415.81	

31. PERFORATION RECORD (*Interval, size and number*)
SEE ATTACHED ADDITIONAL PERFORATED INTERVALS.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See attachments	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
9-1-71	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-25-72	21	16/64"		41	-	0	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
100	-		47	-	0	43.0

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)
Sold/Flared

TEST WITNESSED BY
F. Usery

35. LIST OF ATTACHMENTS
Page 2 dated 11-18-71; Supplemental Completion Record dated 4-11-73

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED J W Greer TITLE J. W. Greer Div. Drlg. Supt. DATE 4/11/73

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	11,121	11,321	60 min test. GTS in 42 mins of FF, TSTM. Rec. 2668' of hly gas & oil cut water cushion and 1767' of hly gas cut oil. Pressures: IHH-5258, IF-1388-1472, ISI-4758, FF-1535-1849, FSI-4298, FHH-5258.
	12,300	12,934	90 min test. Tool opened fair - strong at end. GTS 55 min into FSI - TSTM. Rec 3600' water cushion, 3370' sli oil & gas cut mud and 674' Hi oil cut mud. Pressures: IH-6850, IF-1751-1831, ISI-6823, FF-1965-2261, FSI-6690, FH-6797.
	13,293	13,458 Steady	110 min test. TO weak - strong at 2 min - R/o weak - strong at 1 min. WCTS in 48 min and OTS in 90 min into FF. Gauged 15 bbls SMC, HGC oil in 15 min on 1" choke w/100-150 psi. Pressures: IH-7704, IF-1778-3632, ISI-6289, FF-3739-3847, FSI-6289, FHH-7704.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Duchesne River	Surface	(+6435)
Uintah	3562	(+2873)
Green River	6,395	(+40)
Mahogany Zone	8,995	(-2560)
K	11,264	(-4829)
CP 90	11,818	(-5383)
Transition	11,900	(-5465)
CP 150	12,530	(-6095)
CP 175	13,263	(-6828)
CP 270	14,340	(-7905)

CASING & CEMENTING - ACIDIZING - PERFORATING RECORD

28. CASING RECORD

10-3/4" cemented with 500 sacks 50/50 Pozmix w/2% Gel, 2% CaCl and 1/4#/sack Flosal followed by 700 sacks 50/50 Pozmix w/2% Gel, 2% CaCl, followed by 300 sacks Type "G" cement w/3% CaCl.

7" cemented with 200 sacks 50/50 Pozmix cement containing 10% salt, 2% Gel 1-1/4% CFR-2 with 1/8#/sack flosal, followed by 600 sacks 50/50 Pozmix containing 10# salt, 2% Gel and 1-1/4% CFR-2. Tailed in w/150 sacks Type "G" cement containing 18% salt, 1% CFR-2 and 0.2% HR-4.

10

31. PERFORATION RECORD

13,600 perforated w/4 way radial jets for cement squeeze. Squeeze unsuccessful.

The following zones were shot with 2 holes/ft. - 258 zones, 516 holes

14,404'-14,414'(10')	14,322'-14,370'(48')	14,258'-14,288' (32')
14,220'-14,244'(24')	14,182'-14,188'(6')	14,140'-14,152' (12')
14,122'-14,130'(8')	14,103'-14,110'(7')	14,040'-14,060' (20')
14,000'-14,008'(8')	13,974'-13,979'(5')	13,946'-13,950' (4')
13,846'-13,864'(18')	13,833'-13,840'(7')	13,824'-13,840' (16')
13,788'-13,807'(19')	13,766'-13,780'(14')	

The following zones were shot with 4 holes/ft. - 430 zones, 1720 holes

14,396'-14,404'(8')	14,373'-14,389'(16')	14,318'-14,330' (12')
14,260'-14,276'(16')	14,230'-14,252'(22')	14,189'-14,210' (21')
14,163'-14,172'(9')	14,100'-14,108'(8')	14,064'-14,081' (17')
14,038'-14,048'(10')	14,020'-14,028'(8')	14,004'-14,014' (10')
13,973'-13,981'(8')	13,953'-13,959'(6')	13,918'-13,922' (4')
13,768'-13,776'(8')	13,402'-13,433'(21')	13,348'-13,382' (34')
13,308'-13,348'(40')	13,298'-13,308'(10')	13,270'-13,292' (22')
13,179'-13,183'(4')	13,138'-13,152'(14')	13,131'-13,134' (3')
13,082'-13,092'(10')	13,044'-13,065'(21')	12,982'-13,002' (20')
12,894'-12,914'(20')	12,864'-12,874'(10')	12,828'-12,836' (8')
12,806'-12,816'(10')		

The following 194 zones were shot with 1 shot per foot:

13,927, 13,908, 13,906, 13,889, 13,883, 13,738, 13,730, 13,724, 13,712, 13,710, 13,708, 13,702, 13,698, 13,693, 13,685, 13,677, 13,670, 13,659, 13,654, 13,652, 13,638, 13,636, 13,635, 13,631, 13,628, 13,624, 13,619, 13,614, 13,611, 13,596, 13,590, 13,585, 13,583, 13,581, 13,570, 13,563, 13,554, 13,552, 13,551, 13,550, 13,548, 13,536, 13,533, 13,530, 13,526, 13,523, 13,512, 13,506, 13,500, 13,496, 13,492, 13,486, 13,482, 13,480, 13,479, 13,477, 13,469, 13,467, 13,466, 13,462, 13,456, 13,452, 13,450, 13,446, 13,441, 13,227, 13,221, 13,217, 13,167, 13,160, 13,120, 13,107, 13,030, 13,020, 13,008, 12,970, 12,950, 12,938, 12,925, 12,750, 12,748, 12,746, 12,680, 12,679, 12,678, 12,677, 12,676, 12,674, 12,100, 12,084, 12,074, 12,069, 12,066, 12,064, 12,062, 12,060, 12,058, 12,050, 12,048, 12,046, 12,034, 12,030, 12,018, 12,012, 11,975, 11,962, 11,958, 11,952, 11,936, 11,927, 11,921, 11,916, 11,910, 11,907, 11,900, 11,899, 11,898, 11,891, 11,889, 11,884, 11,882, 11,870, 11,867, 11,864, 11,862, 11,861,

31. ADDITIONAL PERFORATING RECORD

13,927, 13,908, 13,906, 13,889, 13,883, 13,738, 13,730, 13,724, 13,712, 13,710, 13,708, 13,702, 13,698, 13,693, 13,685, 13,677, 13,670, 13,659, 13,654, 13,652, 13,638, 13,636, 13,635, 13,631, 13,628, 13,624, 13,619, 13,614, 13,611, 13,596, 13,590, 13,585, 13,583, 13,581, 13,570, 13,563, 13,554, 13,552, 13,551, 13,550, 13,548, 13,536, 13,533, 13,530, 13,526, 13,523, 13,512, 13,506, 13,500, 13,496, 13,492, 13,486, 13,482, 13,480, 13,479, 13,477, 13,469, 13,467, 13,466, 13,462, 13,456, 13,452, 13,450, 13,446, 13,441, 13,227, 13,221, 13,217, 13,167, 13,160, 13,120, 13,107, 13,030, 13,020, 13,008, 12,970, 12,950, 12,938, 12,925, 12,750, 12,748, 12,746, 11,975, 11,962, 11,958, 11,952, 11,936, 11,927, 11,921, 11,916, 11,910, 11,907, 11,900, 11,899, 11,898, 11,891, 11,889, 11,884, 11,882, 11,870, 11,867, 11,864, 11,862, 11,861, 11,860, 11,856, 11,852, 11,849, 11,847, 11,842, 11,840, 11,839, 11,838, 11,836, 11,834, 11,274, 11,270, 11,266, 11,262, 11,258, 11,255, 11,254, 11,251, 11,250, 11,247, 11,245, 11,183, 11,180, 11,172, 11,167, 11,163, 11,160, 11,157, 11,153, 11,150, 11,147, 11,146, 11,145, 11,144, 11,140, 11,138, 11,137, 11,136, 11,135, 11,134, 11,132, 11,130, 11,126, 11,124, 11,122, 11,119, 11,117, 11,114, 11,112, 10,928, 10,925, 10,923, 10,920, 10,918, 10,916, 10,914, 10,912, 10,910, 10,908, 10,906, 10,804, 10,800, 10,796, 10,794, 10,792, 10,790, 10,788, w/1 jet/ft. w/thru tubing guns.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount & Kind, etc.
11,160-11,975	Acidized w/2000 gals. 7-1/2% HCL acid & 5000 gals. 3% HF & 12% HCL acid using 60 7/8" Phenolic Balls. ISIP 3500-2800 in 15 min.

Form OGCC-3

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: RECAP OF TOTAL FINAL NEW WELL COMPLETION
NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other PROCEDURE

2. NAME OF OPERATOR
Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR
P. O. Box 599, Denver, Colorado 80201

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface
1476' FNL & 1164' FEL
At top prod. interval reported below
Same
At total depth
Same

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Chev-King-Silver et al E. Bennion

9. WELL NO.
Unit 1 (3-25G)

10. FIELD AND POOL, OR WILDCAT
Altamont Field

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 25, T1S, R4W USBM

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: Duchesne | 13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-6-71	7-30-71	10-9-71	KB 6435	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
14,490	14,454		→	Yes	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
10,788'-14,414'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CBL w/Sonic Seismogram
BHC-Sonic-GR, DIL, FDC-GR, Core Slicer, Temp Log,

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4	40.5	1,514	15"	See attached	
7	26	12,300	8-3/4"	See attached	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	12,179	14,488	250	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	10,673	10,650
1-1/2"	2,416	-

31. PERFORATION RECORD (*Interval, size and number*)
See Attached

cc: State 8-30-73
USGS
JHD
ACF
Partners

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See attached.	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
9-1-71	Flowing (9-1-71) Pumping (8-15-73)	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-25-71	21	16/64"	→	41	-	0	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
100	-	→	47	-	0	43.0

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)
Sold/Flared

TEST WITNESSED BY: F. Usery

35. LIST OF ATTACHMENTS
Casing & Cementing - Acidizing - Perforating Record

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED J. W. Greer TITLE Div. Drlg. Supt. DATE 8/29/73

J. W. Greer

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	11,121	11,321	60 min test. GTS in 42 mins of FF, TSTM. Rec. 2668' of hly gas & oil cut water cushion and 1767' of hly gas cut oil. Pressures: IHH-5258, IF-1388-1472, ISI-4758, FF-1535-1849, FSI-4298, FHH-5258.
	12,300	12,934	90 min test. Tool opened fair - strong at end. GTS 55 min into FSI - TSTM. Rec. 3600' water cushion, 3370' sli oil & gas cut mud and 674' Hi oil cut mud. Pressures: IH-6850, IF-1751-1831, ISI-6823, FF-1965-2261, FSI-6690, FH-6797.
	13,293	13,458 Steady	110 min test. TO weak - strong at 2 min - R/O weak - strong at 1 min. WCTS in 48 min and OTS in 90 min into FF. Gauged 15 bbls SMC, HGC oil in 15 min on 1" choke w/100-150 psi. Pressures: IH-7704, IF-1778-3632, ISI-6289, FF-3739-3847, FSI-6289, FHH-7704.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Duchesne River	Surface	(+6435)
Uintah	3562	(+2873)
Green River	6395	(+ 40)
Mahogany Zone	8995	(-2560)
K	11264	(-4829)
CP 90	11818	(-5383)
Transition	11900	(-5465)
CP 150	12530	(-6095)
CP 175	13263	(-6828)
CP 270	14340	(-7905)

28. CASING RECORD

10-3/4" cemented with 500 sacks 50/50 Pozmix w/2% Gel, 2% CaCl and 1/4#/sack Flosal followed by 700 sacks 50/50 Pozmix w/2% Gel, 2% CaCl, followed by 300 sacks Type "G" cement w/3% CaCl.

7" cemented with 200 sacks 50/50 Pozmix cement containing 10% salt, 2% Gel 1¼% CFR-2 with 1/8#/sack flosal, followed by 600 sacks 50/50 Pozmix containing
q 10% salt, 2% Gel and 1¼% CFR-2. Tailed in w/150 sacks Type "G" cement containing 18% salt, 1% CFR-2 and 0.2% HR-4.

31. PERFORATION RECORD

13,600 perforated w/4 way radial jets for cement squeeze. Squeeze unsuccessful.

13,766-780, 13,788-807, 13,824-840, 13,846-864, 13,946-950, 13,974-979, 14,000-008, 14,040-060, 14,103-110, 14,122-130, 14,140-152, 14,182-188, 14,220-244, 14,256-288, 14,322-370, 14,404-414 with 2 jets/ft w/thru tbg guns.

13,768-776, 13,918-922, 13,953,959, 13,973-981, 14,004,014, 14,020-028, 14,038-048, 14,064-081, 14,100-108, 14,163-172, 14,189-210, 14,230-252, 14,260-276, 14,318-330 and 14,373-389 with 4 jets/ft w/thru tbg guns.

12,806-816, 12,828-836, 12,864-874, 12,894-914, 12,982-13,002, 13,044-065, 13,082-092, 13,131,134, 13,138-152, 13,179-183, 13,270-292, 13,298-308, 13,308-348, 13,348-382 and 13,402-433 with 4 jets per foot w/thru tbg guns.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind, etc.
12,179'	Cement squeezed around top of liner w/150 sacks Type "G" with 30% Silica flour, 10% salt, 0.75% TIC and 0.3% D-13 retarder to 4300 psi.
13,600'	Perforated for cement squeeze. Spotted 250 gals 15% HCL acid, unable to breakdown. Did not cement squeeze.
13,766-14,414	Acidized with 20,000 gallons 15% HCL containing 20#/1000 gals WG6, 2 gals/1000 FWW, 3 gals/1000 FFS, 2 gals/1000 HAL-50, 1000# OS-130 wide range unibeads and 200# OS-130 button unibeads at 9-7 BPM w/9400-7800 psi. ISIP 4700 psi to 400 psi in 15 min.
12,806-14,414	Acidized w/18,000 gallons 15% HCL containing 50#/1000 gals WG7, 2 gallons/1000 FWW, 3 gals/1000 FFS, 2 gals/1000 HAI-50 and 2½#/1000 FR-18, 400# OS-130 wide range unibeads and 400# OS-130 button unibeads at 6 - 4½ BPM at 4600-4300 psi. ISIP - 1400 psi to 200 psi in 15 min.

11,860, 11,856, 11,852, 11,849, 11,847, 11,842, 11,840, 11,839, 11,838, 11,836, 11,834, 11,274, 11,270, 11,266, 11,262, 11,258, 11,255, 11,254, 11,251, 11,250, 11,247, 11,245, 11,183, 11,180, 11,172, 11,167, 11,163, 11,160, 11,157, 11,153, 11,150, 11,147, 11,146, 11,145, 11,144, 11,140, 11,138, 11,137, 11,136, 11,135, 11,134, 11,132, 11,130, 11,126, 11,124, 11,122, 11,119, 11,117, 11,114, 11,112, 10,928, 10,925, 10,923, 10,920, 10,918, 10,916, 10,914, 10,912, 10,910, 10,908, 10,906, 10,804, 10,800, 10,796, 10,794, 10,792, 10,790, 10,788.

Recap: There are a total of 882 shots or 2,431 holes in this well.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind, Etc.
12,179'	Cement squeezed around top of liner w/150 sacks Type "G" with 30% Silica flour, 10% salt, 0.75% TIC and 0.3% D-13 retarder to 4300 psi.
13,600'	Perforated for cement squeeze. Spotted 250 gals 15% HCL acid, unable to breakdown. Did not cement squeeze.
13,766'-14,414'	Acidized with 20,000 gallons 15% HCL containing 20#/1000 gals WG6, 2 gals/1000 FWW, 3 gals/1000 FFS, 2 gals/1000 HAL-50, 1000# OS-130 wide range unibeads and 200# OS-130 button unibeads at 9-7 BPM w/9400-7800 psi. ISIP 4700 psi to 400 psi in 15 min.
12,806'-14,414'	Acidized w/18,000 gallons 15% HCL containing 50#/1000 gals WG7, 2 gallons/1000 FWW, 3 gals/1000 FFS, 2 gals/1000 HAI-50 and 2-1/2#/1000 FR-18, 400# OS-130 wide range unibeads and 400# OS-130 button unibeads at 6 - 4-1/2 BPM at 4600-4300 psi. ISIP-1400 psi to 200 psi in 15 min.
13,270'-13,433'	Acidized w/20,000 gal. 15% HCL containing 6 gal/1000 A-170, 3 gal/1000 F-52, 2 gal/1000 W-27, 3 lbs/1000 J-120, & 15 lbs/1000 L-41 @ 10 BPM @ 9650-9700 psi. ISIP 4500 psi to 1800 psi in 15 min.
12,806'-13,183'	Acidized w/17,000 gal. 15% HCL containing 6 gal/1000 A-170, 3 gal/1000 F-52, 2 gal/1000 W-27, 3 lbs/1000 J-120, & 15 lbs/1000 L-41 @ 11-13 BPM @ 9000 psi - 8300 psi. ISIP 4450 to 3300 psi in 30 min.
11,160'-11,975'	2,000 gal. 7-1/2% HCL & 5,000 gal. 3% HF & 12% HCL using 60 7/8" Phenolic balls @ 14 BPM @ 7500 psi. ISIP 3500 psi to 2800 psi in 15 min. 7-1/2% HCL contained: 8 gal/1000 A-130; 4 gal/1000 W-37; 4 gal/1000 F-52; 15#/1000 L-41; 17#/1000 J-120; 5#/1000 J-133. 3% HF & 12% HCL contained: 6 gal/1000 A-130; 4 gal/1000 F-63; 4 gal/1000 W-37; 13#/1000 L-41.

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Chevron U.S.A. Inc

3. ADDRESS OF OPERATOR: P. O. Box 599, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1476' FNL and 1164' FEL ($SE\frac{1}{4}NE\frac{1}{4}$)

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: ~~Chev-King-Silver~~ et al E. Bennion

9. WELL NO.: 1-25A4

10. FIELD AND POOL, OR WILDCAT: Altamont - Wasatch - G.R.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 25, T1S, R4W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6435

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[X]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) Recomplete in upper Green R.			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

It is proposed to recomplete well in the Upper Green River Formation as follows:

1. MI w/line unit. Rev. Circ Hydr pump to surface. Fish out standing valve.
2. MI and RU WO rig. NU BOPE. POOH w/2-7/8" prod tbg, pump BHA and 3,155' of 1-1/2" tbg (tail pipe).
3. RIH with Baker Mod N CIBP and set at ± 10,400' in 7" csg. Press test and dump 2 sxs cmt on CIBP.
4. Perforate. See attached.
5. RIH with Loc set packer and set at ± 7,850
6. MI pumping equipment and acidize. See attached.
7. Unload well immediately and swab. Evaluate swabbing results to determine if more perforations are needed.
8. POOH with Loc set pkr if well swabs in at commercial rates.
9. RIH with tbg anchor and prod. tbg. Hydrotest tbg.
10. Place well on production.

RECEIVED
JUN 7 1979
DIVISION OF OIL, GAS & MINING

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 6-15-79
BY: M. J. Minder

No additional surface disturbances required for this activity.

3- State
2- USGS
1- Partners
1- JAH
1- DLD
1- Sec 723
1- File

18. I hereby certify that the foregoing is true and correct

SIGNED J. J. Johnson TITLE Engineering Assistant DATE June 1, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WELL NAME: Bennion #1-25A4

FIELD: Altamont

PROPOSED PERFORATING PROCEDURE

1. Changes intended: Close off Wasatch and lower Green River Formation and open upper Green River Formation to production.
2. Results anticipated: Increased Production.
3. Conditions of well which warrant such work: Low, uneconomical production
4. To be ripped or shot: Shot
5. Depth, number and size of shots (or depth of rips): 2 shots per foot

   See attached
6. Date last Log of well filed:
7. Anticipated additional surface disturbances: None
8. Estimated work date: June 15, 1979
9. Present production and status:

Date	BOPD	MCFD	BWPD
5/10-17/79	11		27

MEMORANDUM GO-144

TO: MR. _____ 05-21- 1979

FROM: MR. CFL/SG/FAP

SUBJECT: BENNION# 1-25A4 OUR FILE:

RECOMMENDED PERFORATIONS YOUR FILE:

PZ-2777

PERF W/2SPL. DEPTHS ARE BASED ON GR-SONIC, MAY 28, 1971.
85 LEVELS / 170 HOLES.

7960	8103	8526	8906	9079
63	8	32	9	86
68	12	54	54	91
80	15	64	61	9095
7987	18	8571	65	9101
8002	30	8600	71	
10	54	6	86	
13	60	9	90	
20	63	12	8999	
58	8175	19	9001	
61	8489	22	4	
64	94	25	6	
67	8498	28	9	
72	8501	31	11	
76	4	8686	23	
81	7	8835	26	
88	10	39	32	
91	14	43	45	
94	17	61	72	
8097	8522	8871	9075	

WELL NAME: Bennion #1-25A4

FIELD: Altamont

PROPOSED TREATMENT PROCEDURE

1. **Objective:** Increase production

2. **Size and type of treatment:** 13,000 gals. MSR-100 15% HCL to 195 gals Tretolite SP-191 Scale Inhibitor

3. **Intervals to be treated:** 7960-9101

4. **Treatment down casing or tubing:** Tubing

5. **Method of localizing its effects:** Ball sealers and napthalene to be used as diverting agents.

6. **Disposal of treating fluid:** spent acid will be swabbed back.

7. **Name of company to do work:** Dowell, Halliburton or Western

8. **Anticipated additional surface disturbances:** None

9. **Estimated work date:** June 16, 1979

10. **Present status, current production and producing interval:**

Date	BOPD	MCFD	BWPD
5/10-17/79	11		27

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [XX] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR: P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1476' FNL & 1164 FEL SENE

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Chev-King Silver, et al E. Bennion

9. WELL NO.: 1-25A4

10. FIELD AND POOL, OR WILDCAT: Altamont Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25, T1S, R4W, USBM

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6435'

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[XX]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

It is proposed that this well be abandoned as follows:

1. MI & RU WOR. Surface hydraulic pump, ND Tree. NU BOPE.
2. Load well w/produced water. POOH w/pump & tbg.
3. PU & RIH w/3900' of 2-3/8" tbg & 10,560' 2-7/8" tbg. tag btm pull up ±5'.
4. Pump sufficient cmt to fill 5" lnr. to 12,400. Pull up hole, flush tbg-WOC.
5. RIH, tag cmt. Pump cmt to fill 7" csg to 10,550. Flush tbg, WOC.
6. Fill 7" csg w/10# mud to 7500'. Pump 100 sx cmt above mud. WOC.
7. Fill 7" csg w/10# mud to 4500'. Pump 100 sx cmt above mud. WOC.
8. Fill 7" csg w/10# mud to 1525'. Spot 100 sx cmt at btm of surface csg (1514'). POOH. LD tbg.
9. Cut off 16" cond pipe, 10-3/4" surf. csg., and 7" csg ±3.5' below normal ground level.
10. Place ±10 sx cmt in top of 7" csg.
11. Place 5 sx cmt in top of 7" x 10-3/4 annulus
12. Place 5 sx cmt in top of 10-3/4" x 16" annulus.
13. Weld ¼" steel plate across 16" cond pipe.
14. Install abandoned well marker. Clean location.

3-State
1-LRH
1-File

RECEIVED SEP 22 1980 DIVISION OF OIL, GAS & MINING

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 11-3-80
BY: M. J. Munder

Present Status
Date: 7/80
BOPD:19
BWPD: 120

18. I hereby certify that the foregoing is true and correct

SIGNED J. J. Compton TITLE Engineering Assistant DATE 9/19/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

7-21-81
Please call
to

December 22, 1980

Chevron U.S.A. Incorporated
P.O. Box 599
Denver, Colorado 80201

RE: Well No. Chev-King-Silver et al
E. Bennion #1-3-25G
Sec. 25, T. 1S, R. 4W.,
Duchesne County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

BARBARA HILL
WELL RECORDS

/bjh

Enclosures: forms

Received 7-21-81

File Bennion #1-25A4

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 24, 1981

G. H. Thomas
Area Superintendent

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
Attention Mr. Michael Minder
1588 West North Temple
Salt Lake City, UT 84116

Gentlemen:

Attached is our report of a crude oil spill which occurred on September 24, 1981 as a result of a stuck dump valve in our treater at Well-Bennion #1-25A4 in Altamont Field, Duchesne County, Utah. All of the crude oil spilled was contained within the fire wall.

Very truly yours,

G. H. Thomas
Area Superintendent

MLS:mm
Attachment

cc: Mr. W. B. Jackson
Mr. L. R. Hamilton
Ms. M. R. Hornback
Mr. M. L. Swetnam

RECEIVED
SEP 30 1981
DIVISION OF
OIL, GAS & MINING

SPILL REPORT TO REGULATORY AGENCIES
CHEVRON U.S.A., CENTRAL REGION
P. O. BOX 599
DENVER, CO 80201

Field/Facility: Altamont Field, Well-Bennion #1-25A4

Location: TNSP 1-S RNGE 4-W SCTN 25 QTR/QTR Center of NE°

County: Duchesne

State: Utah

Date of Spill/Time: September 24, 1981 - 9:00 a.m.

Fluid Spilled: Crude Oil Est. 400-500 Bbls Water 0 Bbls Other 0 Bbls

Fluid Recovered: Oil % to be determined A Bbls Water 0 Bbls Other 0 Bbls

Agencies Notified/Date/Time: (Called by M. L. Swetnam)
EPA Region VIII (Alvin York), 9/24/81, 10:20 a.m.
USGS Dist. Engr., Salt Lake City (Bill Martin), 9/24/81, 10:35 a.m.
Utah State Dept. of Health, Bur. Water Pollution (Steve McNeil), 9/24/81, 10:45 a.m.
Utah State Dept. of Natural Resources (Debbie Beauregard), 9/24/81, 11:07 a.m.

How spill occurred: Dump valve in treater stuck and continued putting oil in storage tank after tank was full. Tank overflowed and crude oil accumulated around tank but inside fire wall. No oil got outside fire wall. Pumper gauger discovered this spill, shut off the stuck valve and shut in the well.

Control and cleanup methods used: Shut off flow of oil. Vacuum tank and front end loader immediately brought to site and spilled oil being picked up and put in emergency pit nearby. This oil will be put back thru treater. Percentage of oil recovered and quantity lost to be computed later. Expected to be cleared up in two days.

Estimated damage: No damage to environment -- all oil contained. Volume or percentage of crude oil lost and cost of recovery to be estimated later.

Action taken to prevent recurrence: Repair dump valve so it will automatically close in future when tank is full and thus prevent future spills.

Who to contact for further information: Mr. L. R. Hamilton
Field Production Foreman
Bluebell, Utah Field Office
(801) 353-4397

DIVISION OF
OIL, GAS & MINING

(Attach sketch if available)

Report Dated: 9/24/81

Form OGC-1b

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Chevron U.S.A. Inc.

8. FARM OR LEASE NAME: Chev-King-Silver et al E. Rennion

3. ADDRESS OF OPERATOR: P. O. Box 599, Denver, CO 80201

9. WELL NO.: 1-25A4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1476' FNL & 1164' FEL SENE

10. FIELD AND POOL, OR WILDCAT: Altamont-Wasatch-G.R.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25, T1S, R4W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6435'

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Approval was given on November 3, 1980 to abandon well. The work to abandon well was not done. Please cancel Chevron's proposal to plug and abandon well.

3-State
2-BLM
3-Partners
1-LRH
1-File

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 7/15/83
BY:

18. I hereby certify that the foregoing is true and correct

SIGNED D.J. Johnson TITLE Engineering Assistant DATE July 8, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

RECEIVED
OCT 30 1983
DIVISION OF
OIL, GAS & MINING

September 21, 1983

R. H. Elliott
Area Superintendent

Disposal Well Application
Bennion #1-25A4
T1S, R4W, Sec. 25
Duchesne County, Utah

State of Utah
Natural Resources and Energy
Division of Oil, Gas, and Mining
4241 State Office Building
Salt Lake City, UT 84114

Attention: Mr. Gilbert L. Hunt

Gentlemen:

Enclosed is an application requesting permission to convert Chevron U.S.A. Inc.'s Bennion #1-25A4 into a Class II injection well. The well will be injecting into the Green River Formation and will dispose of produced water from the Altamont Field.

Also, enclosed is a copy of the letters which were sent to landowners within 1/2 mile of the subject well, notifying them of the proposed conversion.

If you have any questions, please call Mr. Phillip Stalnaker at (303) 691-7603.

Yours very truly,

R.H. Elliott

PLS:jg
Enclosure

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF
Chevron U.S.A. Inc.
ADDRESS P. O. Box 599
Denver, CO ZIP 80201
INDIVIDUAL ___ PARTNERSHIP ___ CORPORTATION X
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE Bennion 1-25A4 WELL
SEC. 25 TWP. 1S RANGE 4W
Duchesne COUNTY, UTAH

CAUSE NO. UIC-034

ENHANCED RECOVERY INJ. WELL ☐
DISPOSAL WELL ☒

APPLICATION

Comes now the applicant and shows the Division the following:
1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name	Well No.	Field	County
Bennion	1-25A4	Altamont	Duchesne

Location of Enhanced Recovery Injection or Disposal Well SE¼ NE¼ Sec. 25 Twp. 1S Rge. 4W

New Well To Be Drilled	Old Well To Be Converted	Casing Test
Yes ☐ No ☒	Yes ☒ No ☐	Yes ☐ No ☒ Date ___

Depth-Base Lowest Known Fresh Water Within ½ Mile	Does Injection Zone Contain Oil-Gas-Fresh Water Within ½ Mile	State What
3760	YES ☒ NO ☐	Oil, Gas

Location of Injection Source(s)	Geologic Name(s) and Depth of Source(s)
Altamont Field	Green River ± 12,000 Wasatch ± 15,000

Geologic Name of Injection Zone	Depth of Injection Interval
Green River	7457 to 7772

a. Top of the Perforated Interval:	b. Base of Fresh Water:	c. Intervening Thickness (a minus b)
7,457'	3,760'	3,697'

Is the intervening thickness sufficient to show fresh water will be protected without additional data? (YES) NO

Lithology of Intervening Zones: Shale, Sandstone

Injection Rates and Pressures
Maximum 4000 B/D
3000 PSI

The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent

State of Colorado)
County of ___)

x R.H. Elliott
Applicant

Before me, the undersigned authority, on this day personally appeared x R. H. ELLIOTT known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 11th day of Oct, 19 83

SEAL

My commission expires July 5, 1987.

My commission expires ___

Lois J. Thompson
Notary Public in and for State of Colorado

(OVER)

Bennion 1-25A4
Sec. 25, T1S, R4W
Duchesne County, Utah
August 29, 1984

APPLICATION INFORMATION

Below is the required data for the conversion of the Bennion 1-25A4 into a Class II injection well as outlined in Rule I-5 of Cause No. 190-3.

Rule I-5

A. Form DOGM-UIC-1 has been completed.

B. 1. The necessary plat is given in Figures 1 and 2.

2. Form DOGM-UIC-2 has been completed.

3. i, ii, iii, iv, v. A schematic of the present completion of the well is given in Figure 3 and a schematic of the proposed completion of the well prior to injection is given in Figure 4.

vi. The cement bond log indicates a good bond up to 7,442 ft. An additional CBL will be run on the well prior to disposing water. The well will then be perforated and cement squeezed to ensure that the water being disposed does not leak up or down behind the casing. A CBL will then be run to ensure that the cement squeeze was successful.

vii. The Bennion 1-25A4 was drilled as a straight hole. Therefore, bottom hole location is assumed to be approximately the same as surface location.

4. The distance between the top of the proposed disposal zone and the base of the fresh water zone is approximately 3,697 ft. The majority of this interval consists of the Uintah Formation, a predominantly shaly formation which should provide an effective barrier to upward movement of disposed water. In addition, the presence of laterally extensive Green River shale zones above the injection zone make it unlikely the disposed water would be able to enter the USDW.

5. i. The maximum injection pressure and rate expected are 3,000 psi and 4,000 BWPD. The injection system will be equipped with a relief valve on the discharge line which will open up back to the tank if the injection pressure exceeds 3,000 psi. In addition, the Murphy pressure switch on the triplex pump will shut down the pump if the pressure exceeds 3,000 psi.

ii. The source of the injection water is from the Wasatch Formation (±15,000 ft.) and the Green River Formation (±12,000 ft.) located in Altamont Field, Duchesne County, Utah.

iii. The chemical analysis of the water to be injected is given in Figure 5.

iv. The proposed injection zone is in the Green River Formation at a depth of 7,457 feet to 7,772 feet. The injection zone is made up of sandstones and marlstones and has a lateral extent of approximately 9 square miles. The confining zones are made up of shales and sandstones. Some of the shale zones have a lateral extent of at least 25 square miles.

v. The Upper Duchesne River contains fresh water (as indicated by log calculations) which extends from the surface to a maximum of 3,760 ft. deep.

vi. See Rule I-5 (C)

6. In the case of a well failure, the well will be shut-in and repaired as the situation warrants.

7. The results of formations tested are given on Form OGCC-3.

8. The casing/tubing annulus will be pressure tested to 1,000 psi for 15 minutes.

C. The following items are listed to justify exemption of the proposed injection zone as a USDW.

1. It does not currently serve as a source of drinking water.

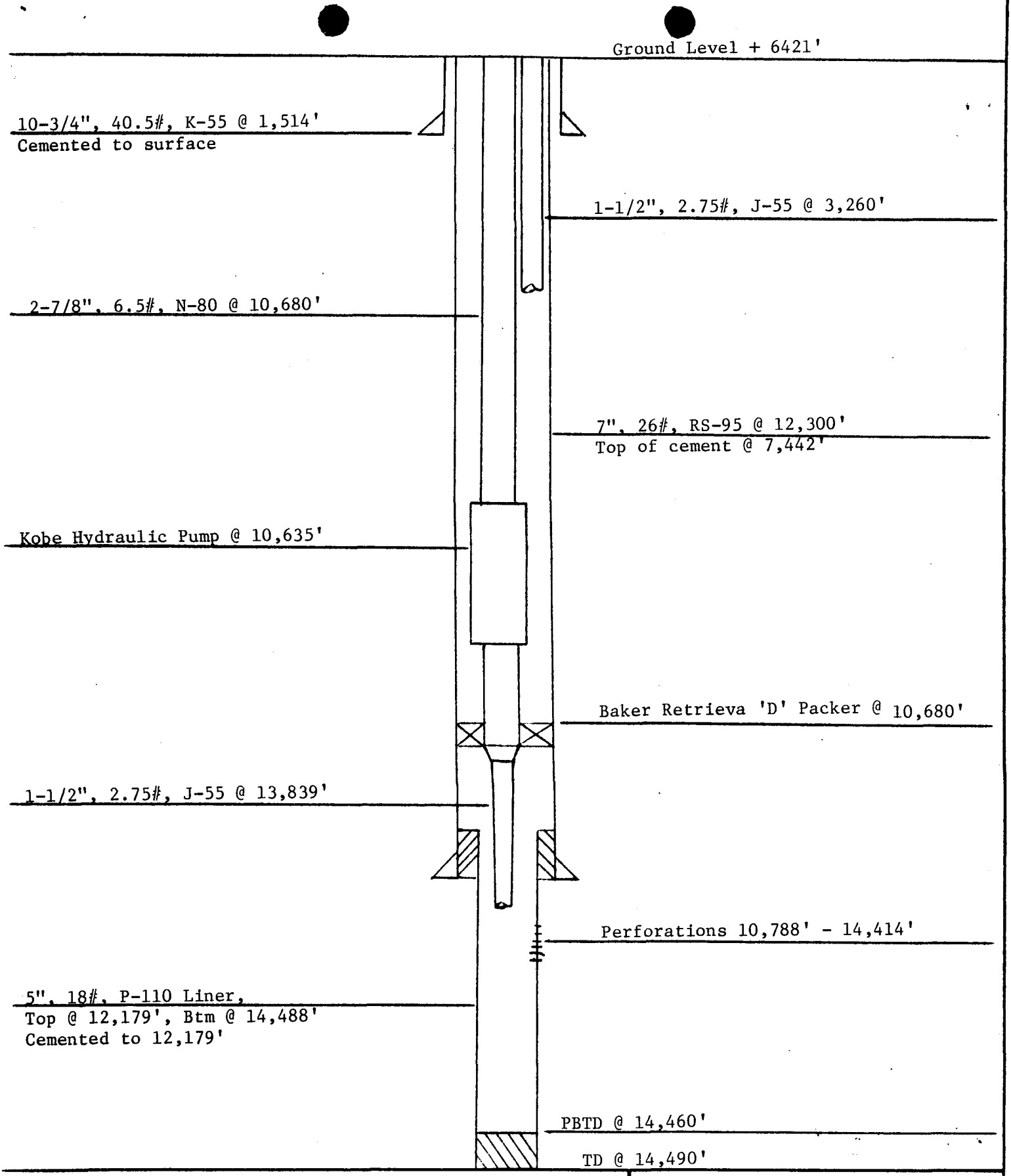
2. It cannot and will not serve as a source of drinking water because:

a. The injection zone is below 7,400 feet deep which make recovery of water for drinking purposes economically impractical.

b. It is likely the water is contaminated because: 1) there are oil and gas shows above, within, and below the proposed zone, and 2) there is a zone with a calculated salinity of 27,000 ppm approximately 300 feet above the proposed injection zone.

c. Log calculations indicate the water salinity varies from 6,000 to 12,000 ppm and it is not reasonably expected to supply a public water system.

The preceding information should satisfy the requirements for the approval of the Blanchard 1-25A4 as a Class II injection well. If there are any further questions, please contact Mr. Phillip Stalnaker at (303) 691-7603.



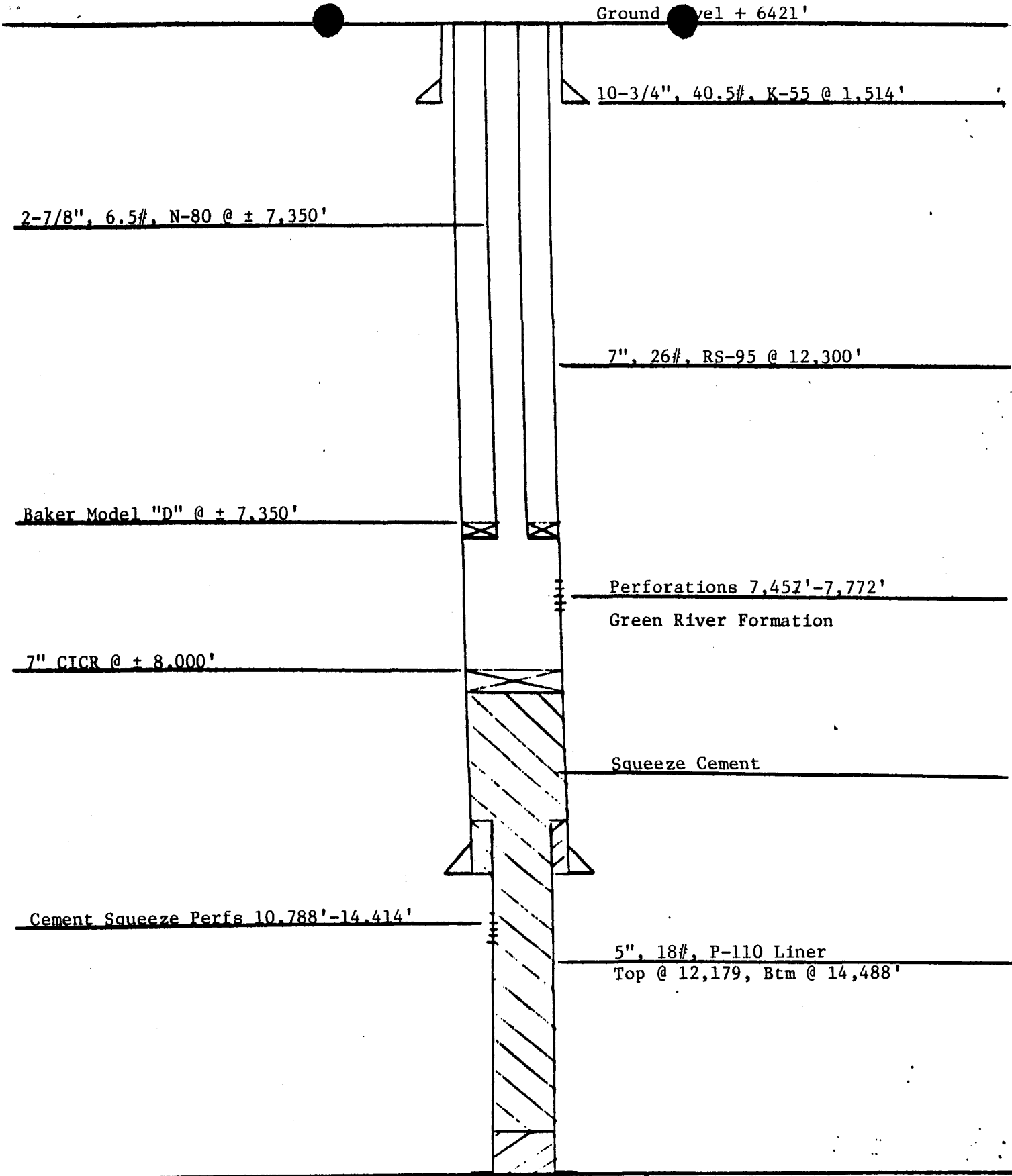
Present Completion

Bennion 1-25A4

Chevron U.S.A. Inc.

Figure 3	
DATE - 08/11/83	SCALE - None

CW-1103 (CDD 2-77)



Proposed Completion

Bennion 1-25A4

Chevron U.S.A. Inc.

Figure 4	
DATE - 8/11/83	SCALE - None

CW-1103 (CDD 2-77)

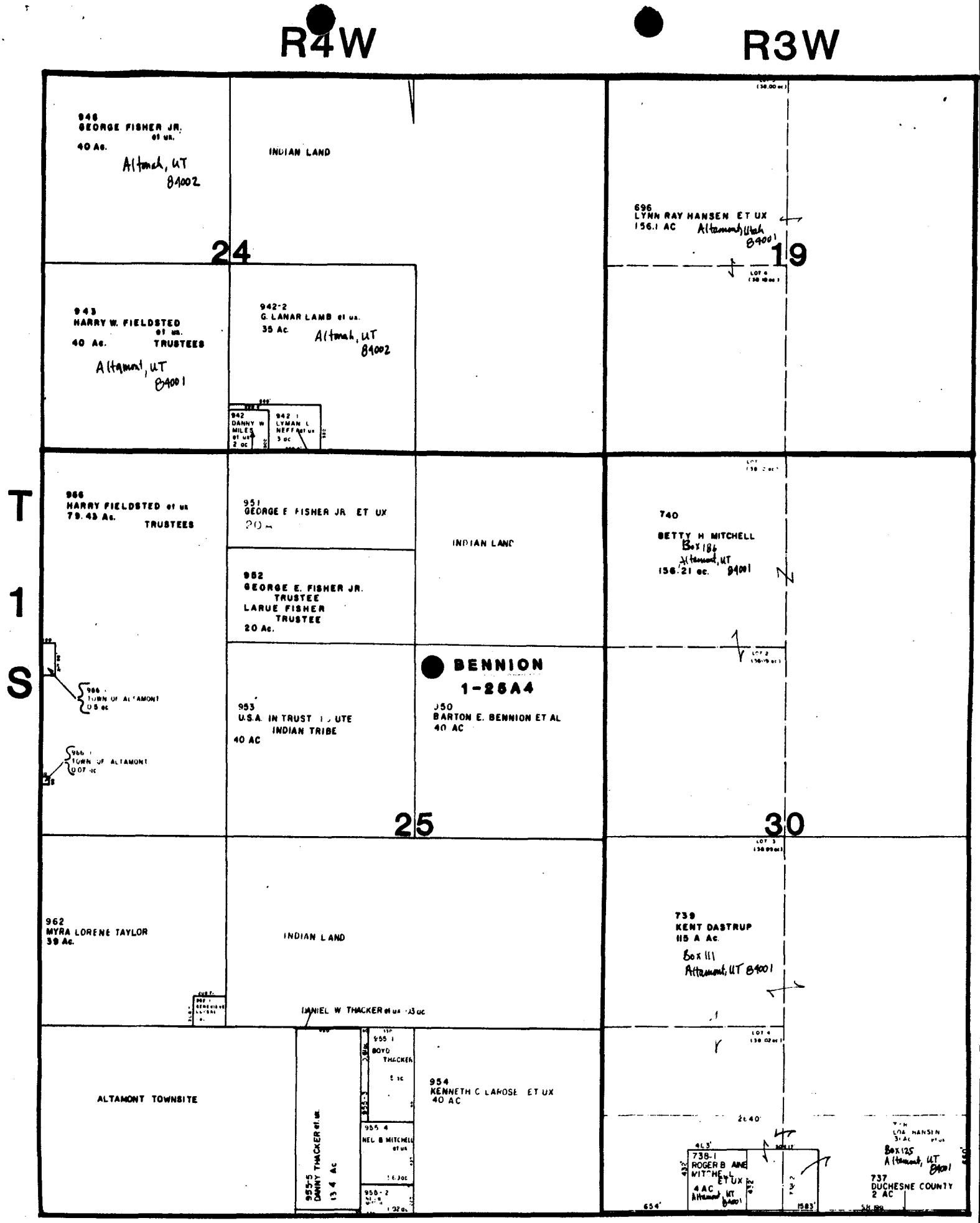

R4W
R3W
T
1
S
946
GEORGE FISHER JR. et ux
40 Ac.
Altamont, UT 84002
INDIAN LAND
696
LYNN RAY HANSEN ET UX
156.1 AC
Altamont, Utah 84001
24
19
943
HARRY W. FIELDSTED et ux
40 Ac. TRUSTEES
Altamont, UT 84001
942-2
G. LANAR LAMB et ux
35 Ac.
Altamont, UT 84002
942
DANNY W MILES et ux
2 ac
942-1
LYMAN L NEFF et ux
3 ac
966
HARRY FIELDSTED et ux
79.43 Ac. TRUSTEES
951
GEORGE E FISHER JR ET UX
20 Ac
INDIAN LAND
740
BETTY H MITCHELL
Box 184
Altamont, UT
156.21 ac. 84001
952
GEORGE E. FISHER JR.
TRUSTEE
LARUE FISHER
TRUSTEE
20 Ac.
966-1
TOWN OF ALTAMONT
0.5 ac
966-1
TOWN OF ALTAMONT
0.07 ac
BENNION
1-25A4
953
U.S.A. IN TRUST UTE
INDIAN TRIBE
40 AC
950
BARTON E. BENNION ET AL
40 AC
25
30
962
MYRA LORENE TAYLOR
39 Ac.
INDIAN LAND
739
KENT DASTRUP
115 A Ac.
Box 111
Altamont, UT 84001
DANIEL W THACKER et ux 23 ac
955-1
BOYD THACKER
8 ac
955-3
955-4
NEL B MITCHELL et ux
16 ac
956-2
1.32 ac
955-5
DANNY THACKER et ux
13.4 Ac
954
KENNETH C LAROSE ET UX
40 AC
ALTAMONT TOWNSITE
2640'
738-1
ROGER B AND MITCHELL ET UX
4 AC
Altamont, UT 84001
654'
1583'
LOA HANSEN
Box 125
Altamont, UT 84001
737
DUCHESNE COUNTY
2 AC

Figure 2

Form OGC 2

(To be filed within 30 days after drilling is completed)

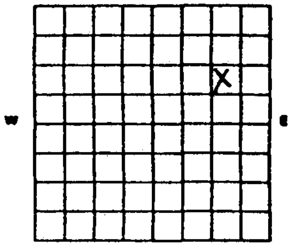
COUNTY LEASE NO. ____

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

API NO

640 Acres
N



Locate Well Correctly and Outline Lease

COUNTY Duchesne SEC. 25 TWP. 1S RGE. 4W

COMPANY OPERATING Chevron U.S.A. Inc.

OFFICE ADDRESS P. O. Box 599

TOWN Denver STATE ZIP CO

FARM NAME Bennion WELL NO. 1-25A4

DRILLING STARTED 4-6 19 71 DRILLING FINISHED 7-30 19 71

DATE OF FIRST PRODUCTION 9-1-71. COMPLETED 10-9-71

WELL LOCATED SE ¼ NE ¼ ____ ¼

1164 FT. FROM SL OF ¼ SEC. & 1476 FT. FROM WL OF ¼ SEC.

ELEVATION DERRICK FLOOR 6435' GROUND 6421'

TYPE COMPLETION

Single Zone X Order No. ____

Multiple Zone ____ Order No. ____

Comingled ____ Order No. ____

LOCATION EXCEPTION Order No. ____ Penalty ____

OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River	6,395	11,900			
Wasatch	11,900	14,490			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
10-3/4"	40.5#	K-55	1,514		1500		Surface
7"	26#	RS-95	12,300		950		7,442
5"	18#	P-110	2,309		250		12,179

TOTAL DEPTH 14,490'

PACKERS SET DEPTH 12,000'

	1	2	3
FORMATION	Wasatch		
SPACING & SPACING ORDER NO.	640 Acres #131-14		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Oil		
PERFORATED	12,806'-14,414'		
INTERVALS			
ACIDIZED?	38,000 gal 15% HCl		
FRACTURE TREATED?			

INITIAL TEST DATA

	1	2	3
Date	09/01/71		
Oil. bbl./day	433		
Oil Gravity	43.0		
Gas. Cu. Ft./day	236 M CF	CF	C
Gas-Oil Ratio Cu. Ft./Bbl.	545		
Water-Bbl./day	0		
Pumping or Flowing	Flowing		
CHOKE SIZE	30/64		
FLOW TUBING PRESSURE	300		

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

X R.H. Elliott

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and comple according to the records of this office and to the best of my knowledge and belief.

Telephone (303) 691-7437 X R.H. ELLIOTT – AREA PROD. SUPT.
Name and title of representative of company

Subscribed and sworn before me this 11th day of October, 19 83.

Lois J. Thompson
Notary Public

A DIVISION OF BIG THREE INDUSTRIES INC.
P.O. BOX 473 • VERNAL UTAH 84078 • 801 789 3810

WATER ANALYSIS

Chevron SAMPLE NO. SWD #3 DATE SAMPLED 10/6/82 DATE REPORTED 10/7/82

Bluebell COUNTY/PARISH Duchesne STATE Utah

FIELD Green River WELL DEPTH

FORMATION WATER Formation SAMPLING POINT Wellhead

SAMPLED BY Carl Johnson REPORT BY: Roy Palmer

****

DISSOLVED SOLIDS

CATIONS		ANIONS	
SODIUM AND POTASSIUM	310 ppm	CHLORIDE	10,637 ppm
CALCIUM	96 ppm	SULFATE	200 ppm
MAGNESIUM	100 ppm	CARBONATE	120 ppm
BARIUM	- ppm	BICARBONATE	915 ppm
STRONTIUM	- ppm	SULFIDE	- Good Trace ppm
IRON (TOTAL)	0 ppm		

TOTAL HARDNESS 650 ppm

TOTAL DISSOLVED SOLIDS 12,378 ppm To be injected

****

OTHER PROPERTIES

PH 7.5

SPECIFIC GRAVITY 1.004 AT 67 °F

RESISTIVITY (OHM-METERS) AT °F

Figure 5

POOR COPY

28. CASING RECORD

10-3/4" cemented with 500 sacks 50/50 Pozmix w/2% Gel, 2% CaCl and 1/4#/sack Flosal followed by 700 sacks 50/50 Pozmix w/2% Gel, 2% CaCl, followed by 300 sacks Type "G" cement w/3% CaCl.

7" cemented with 200 sacks 50/50 Pozmix cement containing 10% salt, 2% Gel 1¼% CFR-2 with 1/8#/sack flosal, followed by 600 sacks 50/50 Pozmix containing 10% salt, 2% Gel and 1¼% CFR-2. Tailed in w/150 sacks Type "G" cement containing 18% salt, 1% CFR-2 and 0.2% HR-4.

31. PERFORATION RECORD

13,600 perforated w/4 way radial jets for cement squeeze. Squeeze unsuccessful.

13,766-780, 13,788-807, 13,824-840, 13,846-864, 13,946-950, 13,974-979, 14,000-008, 14,040-060, 14,103-110, 14,122-130, 14,140-152, 14,182-188, 14,220-244, 14,256-288, 14,322-370, 14,404-414 with 2 jets/ft w/thru tbg guns.

13,768-776, 13,918-922, 13,953,959, 13,973-981, 14,004,014, 14,020-028, 14,038-048, 14,064-081, 14,100-108, 14,163-172, 14,189-210, 14,230-252, 14,260-276, 14,318-330 and 14,373-389 with 4 jets/ft w/thru tbg guns.

12,806-816, 12,828-836, 12,864-874, 12,894-914, 12,982-13,002, 13,044-065, 13,082-092, 13,131,134, 13,138-152, 13,179-183, 13,270-292, 13,298-308, 13,308-348, 13,348-382 and 13,402-433 with 4 jets per foot w/thru tbg guns.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind, etc.
12,179'	Cement squeezed around top of liner w/150 sacks Type "G" with 30% Silica flour, 10% salt, 0.75% TIC and 0.3% D-13 retarder to 4300 psi.
13,600'	Perforated for cement squeeze. Spotted 250 gals 15% HCL acid, unable to breakdown. Did not cement squeeze.
13,766-14,414	Acidized with 20,000 gallons 15% HCL containing 20#/1000 gals WG6, 2 gals/1000 FWW, 3 gals/1000 FFS, 2 gals/1000 HAL-50, 1000# OS-130 wide range unibeads and 200# OS-130 button unibeads at 9-7 BPM w/9400-7800 psi. ISIP 4700 psi to 400 psi in 15 min.
12,806-14,414	Acidized w/18,000 gallons 15% HCL containing 50#/1000 gals WG7, 2 gallons/1000 FWW, 3 gals/1000 FFS, 2 gals/1000 HAI-50 and 2½#/1000 FR-18, 400# OS-130 wide range unibeads and 400# OS-130 button unibeads at 6 - 4½ BPM at 4600-4300 psi. ISIP - 1400 psi to 200 psi in 15 min.

Form OGCC-3 File

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE (See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL XX GAS WELL ☐ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL XX WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

RECEIVED
NOV 22 1971
CENTRAL FILE ROOM

2. NAME OF OPERATOR: Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR: P. O. Box 455, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 1476' FNL and 1164' FEL of Sec. 25, T1S, R4W, USBM
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Chevron-King Silver et al E. Bennion

9. WELL NO.: Unit #1 (3-25G)

10. FIELD AND POOL, OR WILDCAT: Altamont Field

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 25, T1S, R4W, USBM

14. PERMIT NO. / DATE ISSUED

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-6-71	7-30-71	10-9-71	KB-6435	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
14,490	14,460		→	0-14,490	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 12,806 - 13,433

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: BHC-Sonic-GR, DIL, FDC-GR, Core Slicer, Temp log, CBL w/sonic seismogram

27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5#	1,514	15"	See attached	
7"	26#	12,300	8-3/4"	See attached	
5-1/2"	14#	2,983.75	Heat string	hung inside 7" casing	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	12,179	14,488	250	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8 & 2-3/8"	12,692	12,000'

31. PERFORATION RECORD (Interval, size and number): See Attached

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
9-1-71	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-10-71	24	30/64		433	236	0	545

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
300						43.0

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED R. L. Scott TITLE Lead Drilling Eng. DATE 11-18-71

R. L. SCOTT

*(See Instructions and Spaces for Additional Data on Reverse Side)

O&GCC, SLC-3; USGS, SLC-1; W. Duncan-2, Shell Oil-1; Sabine-1; Denver-1; Well File-1

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

Betty H. Mitchell
Box 186
Altamont, UT 84001

Dear Ms. Mitchell:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

RHElliott

PLS:pp
Attachments

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

Myra Lorene Taylor
Altamont, UT 84001

Dear Ms. Taylor:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

R H Elliott

PLS:pp
Attachments

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

Kent Dastrup
Box 111
Altamont, UT 84001

Dear Mr. Dastrup:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

R H Elliott

PLS:pp
Attachments

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

Lynn Ray Hansen
Altamont, UT 84001

Dear Mr. Hansen:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

R H Elliott

PLS:pp
Attachments

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

G. Lanar Lamb
Alonah, UT 84002

Dear Mr. Lamb:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

R H Elliott

PLS:pp
Attachments

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

Lyman L. Neff
Box 151
Loma, CO 81524

Dear Mr. Neff:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

R.H. Elliott

PLS:pp
Attachments

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

Danny W. Miles
1664 S. 300 E
Springville, UT 84663

Dear Mr. Miles:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

R H Elliott

PLS:pp
Attachments

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

George E. Fisher, Jr.
Altonah, UT 84002

Dear Mr. Fisher:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

R.H. Elliott

PLS:pp
Attachments

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

Harry Fieldsted
Mountain Home, UT 84051

Dear Mr. Fieldsted:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

R.H. Elliott

PLS:pp
Attachments

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

Daniel W. Thacker
Box 83
Altamont, UT 84001

Dear Mr. Thacker:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

RHElliott

PLS:pp
Attachments

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

Kenneth C. LaRose
Altamont, UT 84001

Dear Mr. LaRose:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

RHElliott

PLS:pp
Attachments

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

Boyd Thacker
Altamont, UT 84001

Dear Mr. Thacker:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

R.H. Elliott

PLS:pp
Attachments

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

Barton E. Bennion
Altamont, UT 84001

Dear Mr. Bennion:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

R.H. Elliott

PLS:pp
Attachments

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 22, 1983

R. H. Elliott
Area Superintendent

Ute Indian Tribe
Fort Duchesne, UT 84021

Gentlemen:

Chevron U.S.A. Inc. is proposing to convert the Chevron Bennion #1-25A4 located in Township 1 South, Range 4 West, Section 25 into a Class II injection well. The Natural Resources and Energy Division of the State of Utah requires that all landowners within ½ mile of the subject well be notified of the proposed conversion. Attached is a copy of the state application for conversion and a map showing the location of the well.

Yours very truly,

R H Elliott

PLS:pp
Attachments

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 1, 1983

Chevron U.S.A. Inc.
700 South Colorado Blvd.
P. O. Box 599
Denver, Colorado 80201

Attn: R. H. Elliott

RE: Disposal Well Application
Bennion #1-25A4
T. 1S, R. 4W, Sec. 25
Duchesne County, Utah

Dear Mr. Elliott:

The Division finds it necessary to exempt by public hearing in accordance with Rule I-5(c), a portion of the Green River formation in the Altamont-Bluebell area. This action will hopefully be accomplished at the December, 1983, Board Meeting. Once this is done the Division can proceed with administrative approval for this and future disposal wells in this field.

If you have any questions, please call.

Very truly yours,

DIVISION OF OIL, GAS & MINING

Gilbert L. Hunt
UIC Geologist

GLH/as

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR: P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1476' FNL & 1164' FEL SENE

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Chev-King-Silver et al E. Bennion

9. WELL NO.: 1-25A-4

10. FIELD AND POOL, OR WILDCAT: Altamont-Wasatch-G.R.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25, T1S, R4W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6435'

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOUTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Well shut-in			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Subject well was shut-in on January 11, 1984.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Egineering Assistant DATE Jan. 13, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

7

Altamont, Utah
February 27, 1984

RECEIVED
FEB 29 1984
DIVISION OF
OIL, GAS & MINING

State of Utah
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Gentlemen:

Refer - Application of Chevron U.S.A., Inc. for approval to inject salt water into well Bennion #25A4 Sec. 25, Twp. 1 So. R. 4 W, Duchesne Co., Utah.
Cause No. UCI-034

Would like to regester an objection against using the Bennion #25A4 well as a salt water disposal. I hold a life estate on the forty acres on which this well site is located, so am vitally interested in what happens at this well.

In the past Chevron has allowed the salt water from the holding pond to seep through onto the pasture land, which is not included in the well site. In 1975 they paid $1,750.00 at my request for salt water damage, and since that time more land has been damaged. My concern now is, if this well is designated as a salt water dump, how much land will it take out of production? Of course, Chevron will tell us it will not seep through, which is what they said when they built the holding pond, but it did seep through. Chevron keeps taking a little bit more and then a little bit more, and if they had been permitted to do everything they wanted to, there would be a pipe line going through the middle of the forty acres, another on the south of the land, and another on the west side.

The culinary water for the house is supplied by a well about one thousand feet from the well. This gives me great concern. There is a ditch about 300 ft. on the west side of the well. This ditch waters approximately 260 acres, 120 acres belonging to the Ute tribe. If this water becomes contaminated it will raise havoc with this irrigated land. Also the waste water runs into the No. Eight Canal and this irrigates hundreds of acres. The farmers are being urged to install water systems to prevent the waters of the Colorado River from having such a high salinity content. How can farmers meet the governments demands when confronted with salt going into the underground water on their property?

Your undated notice, which was postmarked February 24th, was addressed to Barton E. Bennion. This is not the first mail sent in the name of my stepson. Barton lives in the Vernal area and does not know what is going on in the oil field here. Am wondering who gave Chevron the authority to send the correspondence in Barton's name perhaps I have said "No" too many times. How do I go about getting my name on fututure correspondence, as I need to know what is going on.

I definitely object to changing this well to a salt water deposit.

Very truly,
Zella R. Bennion
Zella R. Bennion
Rt. 1 Box 85, Altamont, Utah 84001

BEFORE THE DIVISION OF OIL, GAS AND MINING

IN THE MATTER OF THE APPLICATION OF CHEVRON U.S.A., INC., FOR ADMINISTRATIVE APPROVAL TO INJECT SALT WATER INTO WELL BENNION #25A4, SECTION 25, TOWNSHIP 1 SOUTH, RANGE 4 WEST, DUCHESNE COUNTY, UTAH	))))))	CAUSE NO. UCI-034

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS, PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS, PARTICULARLY IN DUCHESNE COUNTY, UTAH:

NOTICE IS HEREBY GIVEN THAT Chevron U.S.A., Inc., 700 S. Colorado Blvd., Box 599, Denver, Colorado 80201, is requesting that the Division authorize the approval to convert the well mentioned below, to a water disposal well as follows:

Township 1 South, Range 4 West

Sec. 25, Bennion #25A4 SE NE

INJECTION ZONE: Upper Green River Formation 7457' to 7772'
MAXIMUM INJECTION PRESSURE: 3000 psi
MAXIMUM INJECTION RATE: 4000 B/D

This approval will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. The approval will be conditional upon proper sampling of the injection zone prior to commencement of injection. Objections if any, should be mailed to: Division of Oil, Gas and Mining, Room 4241 State Office Building, Salt Lake City, Utah 84114.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

Marjorie L. Larson

MARJORIE L. LARSON
Adminstrative Assistant

CAUSE NO. UIC-034

Newspaper Agency

Uinta Basin Standard
Roosevelt, Utah 84066

Chevron U.S.A., Inc.
700 S. Colorado Blvd.
Box 599
Denver, CO 80201

EPA
Attn: Mike Strieby
1860 Lincoln Street
Denver, CO 80295

Minerals Management
2000 Adminstration Bldg.
1745 West 1700 South
Salt Lake City, Ut 84104

Dept. of Health
Bureau of Water Pollution Control
Atnn: Jerry Riding
Room 410
150 West North Temple
Salt Lake City, Utah 841-3

The Ute Tribe
% Ronald Chohamin
PO Box 190
Fort Duchesne, Utah 84026

Betty Mitchell
Box 186
Altamont, UT 84001

Myra Lorene Taylor
Altamont, UT 84001

Kent Dastrup
Box 111
Altamont, UT 84001

Lynn Ray Hansen
Altamont, Utah 84001

G. Lanar Lamb
Altonah, Utah 84002

Lyman L. Neff
Box 151
Loma, Utah 84524

Danny W. Miles
1664 South 300 East
Springville, Utah 84663

George E. Fisher, Jr.
Altonah, Utah 84002

Harry Fieldsted
Mountain Home, Utah 84051

Daniel W. Thacker
Box 83
Altamont, Utah 84001

Kenneth C. La Rose
Altamont, Tyah 84001

Boyd Thacker
Altamont, Utah 84001

Barton E. Bennion
Altamont, Utah 84001

Linmar
1670 Broadway, Suite 3025
Denver, Colorado 80202

Marlayne Loubeer
February 22, 1984

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 2, 1984

Chevron U.S.A., Inc.
700 South Colorado Blvd.
PO Box 599
Denver, CO 80281

ATTN: Phillip Stalnaker

RE: Disposal Well Application
Bennion #1-25A4
T1S,R4W,Section 25
Duchesne County, Utah

Dear Mr. Stalnaker:

Please find enclosed a copy of a letter received by the Division February 29, 1984, objecting to the conversion of the Bennion #1-25A4 to a disposal well. If the differences cannot be worked out with Ms. Bennion the matter must be set for hearing before the Board of Oil, Gas and Mining. Please advise the Division of Chevron's desire for future action concerning this application.

If you have any questions, please call.

Sincerely,
DIVISION OF OIL, GAS AND MINING

CLEON B. FEIGHT
UIC MANAGER

CBF/GLH/mfp

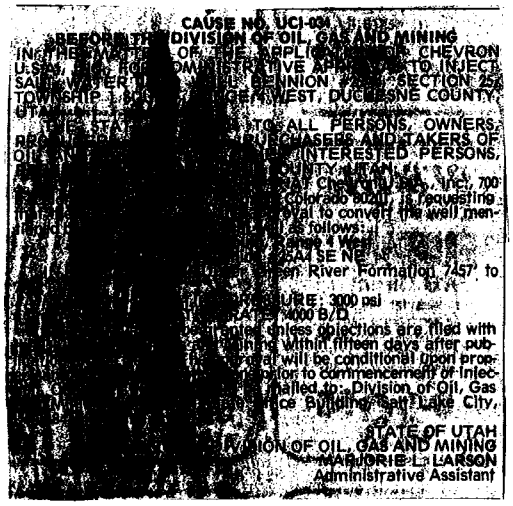
Affidavit of Publication

ADM-358

STATE OF UTAH,

County of Salt Lake **ss.**

Cheryl Gierloff


CAUSE NO. UCI-034
BEFORE THE DIVISION OF OIL, GAS AND MINING
IN THE MATTER OF THE APPLICATION OF CHEVRON
U.S.A., INC. FOR ADMINISTRATIVE APPROVAL TO INJECT
SALT WATER INTO WELL, BENNION #2, SECTION 25,
TOWNSHIP 1 SOUTH, RANGE 1 WEST, DUCHESNE COUNTY,
UTAH.
THE STATE OF UTAH TO ALL PERSONS, OWNERS,
PURCHASERS AND TAKERS OF OIL AND INTERESTED PERSONS,
GREETINGS:
NOTICE IS HEREBY GIVEN that Chevron U.S.A. Inc., 700
Colorado Bldg., is requesting approval to convert the well men-
tioned as follows:
Section 1 West
CAUSE NO. UCI-034
Green River Formation 7457' to
MAXIMUM PRESSURE: 3000 psi
MAXIMUM RATE: 4000 B/D
Unless objections are filed with
the Division within fifteen days after pub-
lication will be conditional upon prior
objection to commencement of injec-
tion. Objections shall be mailed to: Division of Oil, Gas
and Mining, 4241 State Office Building, Salt Lake City,
Utah 84114.
BY ORDER OF THE STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
MARJORIE L. LARSON
Administrative Assistant

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

Cause No. UCI-034 - Application of

Chevron U.S.A., Inc.

was published in said newspaper on

March 6, 1984

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 23rd day of March A.D. 1984

Joyce L. Marlar
Notary Public

My Commission Expires

July 23, 1986

RECEIVED
MAR 29 1984
DIV. OIL, GAS, MINING

RECEIVED
MAR 1 4 1984
DIVISION OF
OIL, GAS & MINING

AFFIDAVIT OF PUBLICATION

County of Duchesne, } ss.
STATE OF UTAH }

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for one consecutive issues, and that the first publication was on the 1 day of March, 1984, and that the last publication of such notice was in the issue of such newspaper dated the 1 day of March, 1984

Kevin Ashby

Subscribed and sworn to before me this 1st day of March, 1984

Joan Z. Crozier
Notary Public.

My commision expires MY COMMISSION EXPIRES MARCH 1, 1987, 19.....

Publication fee, $.....

PUBLIC NOTICE
CAUSE. NO. UCI-934

BEFORE THE DIVISION OF OIL, GAS AND MINING, IN THE MATTER OF THE APPLICATION OF CHEVRON U.S.A. INC., FOR ADMINISTRATIVE APPROVAL TO INJECT SALT WATER INTO WELL BENNION No. 25A4, SECTION 25, TOWNSHIP 1 SOUTH, RANGE 4 WEST, DUCHESNE COUNTY, UTAH.

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS, PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS, PARTICULARLY IN DUCHESNE COUNTY, UTAH:

NOTICE IS HEREBY GIVEN THAT Chevron U.S.A., Inc., 700 S. Colorado Blvd., Box 599, Denver, Colorado 80201, is requesting that the Division authorize the approval to convert the well mentioned below, to a water disposal well as follows:

Township 1 South, Range 4 West, Sec. 25, Bennion No. 25A4 SE NE, INJECTION ZONE: Upper Green River Formation 7457' to 7772', MAXIMUM INJECTION PRESSURE: 3000 psi, MAXIMUM INJECTION RATE: 4000 B/D.

This approval will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. The approval will be conditional upon proper sampling of the injection zone prior to commencement of injection. Objections if any, should be mailed to: Division of Oil, Gas and Mining, Room 4241 State Office Building, Salt Lake City, Utah 84114.

State of Utah
Division of Oil,
Gas and Mining
Marjorie L. Larson
Administrative Assistant
Published in the Uintah Basin Standard March 1, 1984.

RECEIVED

AUG 16 1984

DIVISION OF OIL
GAS & MINING

August 10, 1984

Division of Oil, Gas and Mining
State Office Building, Room 4241
Salt Lake City, UT 84114

Gentlemen:

Please be advised that I have no further objections to the conversion of the Bennion #25A4 well in Section 25, T1S, R4W to a water disposal well.

Yours very truly,

Zella R. Bennion

Mrs. Zella R. Bennion

cc: Chevron U.S.A. Inc.
P.O. Box 599
Denver, CO 80201

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

August 21, 1984

Chevron U.S.A.,Inc.
700 S. Colorado Blvd. Box 599
Denver, Colorado 80201

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-034
Bennion #1-25A4
Section 25, T1S, R4W, Duchesne County, Utah

Administrative approval is hereby granted to convert the above referenced well to a salt water disposal well. This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted.

In addition, a representative water sample must be taken from the proposed injection intervals and analyzed. If the sample shows a total dissolved solids level less than 10,000 mg/l, the aquifer must be exempted by hearing in accordance with Rule I-5 prior to commencement of injection.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best Regards,

Dianne R. Nielson

Dianne R. Nielson
Director

DN/GH/mfp
010

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

August 21, 1984

Chevron U.S.A.,Inc.
700 S. Colorado Blvd. Box 599
Denver, Colorado 80201

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-034
Bennion #1-25A4
Section 25, T1S, R4W, Duchesne County, Utah

Administrative approval is hereby granted to convert the above referenced well to a salt water disposal well. This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted.

In addition, a representative water sample must be taken from the proposed injection intervals and analyzed. If the sample shows a total dissolved solids level less than 10,000 mg/l, the aquifer must be exempted by hearing in accordance with Rule I-5 prior to commencement of injection.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best Regards,

Dianne R. Nielson

Dianne R. Nielson
Director

DN/GH/mfp
010

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P. O. Box 599 Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1476' FNL & 1164' FEL SENE

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Chev-King-Silver et al E. Bennion

9. WELL NO.
1-25A4

10. FIELD AND POOL, OR WILDCAT
Altamont-Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 25, T1S, R4W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6435'

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	X	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other)			☐	(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to perforate well to obtain water samples from the proposed injection zone. See attached procedure.

RECEIVED
SEP 4 1984
DIVISION OF OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED J.J. Johnson TITLE Engineering Assistant DATE August 30, 1984

(This space for Federal or State office use)

APPROVED BY Cleon B Feight TITLE UIC Manager DATE 9/10/84

CONDITIONS OF APPROVAL, IF ANY:

BENNION 1-25A4
SECTION 25, T1S, R4W
CRJ4-2863
DUCHESNE COUNTY, UTAH
AUGUST 28, 1984

WORKOVER PROCEDURE:

1. MI RU WO rig.
2. ND tree, NU BOPE and test same.
3. POOH w/1½" and 2-7/8" tbg.
4. RIH w/bit to 8000'.
5. RIH w/csg scraper to 8000'.
6. RIH w/RBP and pkr. See RBP @ ±7800' and pkr @ ±7200'.
7. RIH w/thru tbg perforating gun. Perforate @ 7510' w/2 spf. Depth from Schlumberger BHC-Sonic-GR Run #1 (5-28-71).
8. Swab back load. Catch six water samples. Send three water samples to independent testing company to be analyzed and have results sent to P. L. Stalnaker in Denver. Send remaining three samples to S. P. Cumella in Denver.
9. POOH w/RBP and pkr.
10. RIH w/2-7/8" and 1½" tbg.
11. ND BOPE and NU tree.

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

R. H. Elliott
Area Superintendent

October 5, 1984

Injection Well Approval
Cause No. UIC-034
Bennion 1-25A4
Section 25, T1S, R4W
Duchesne County, Utah

RECEIVED
OCT 10 1984
DIVISION OF OIL
GAS & MINING

State of Utah Natural Resources
Division of Oil, Gas, and Mining
4241 State Office Bldg.
Salt Lake City, Utah 84114

Attn Mr. Ronald J. Firth

Gentlemen:

On August 21, 1984, we received conditional approval to convert the captioned well to injection. Also, you stated that injection could not commence until representative water samples from the injection zone were taken to prove if a hearing would be needed to exempt the zone or if Division approval could be given without the need of a hearing.

We unsuccessfully attempted to get those samples. Six zones were perforated, selectively broken down, and swab tested. Although the zones were fairly easy to pump into, we were not able to obtain any samples. The well would swab down and not give up any further fluid. This was tried on three different intervals.

Since formation water samples are not attainable, we ask that the exemption be given based on the data as submitted in the original application.

If additional data is needed concerning our attempts to obtain fluid samples, please call P. L. Stalnaker at (303) 691-7603.

Your earliest ruling on this matter is greatly appreciated.

Very truly yours,

R H Elliott /TLH

TLH:vv

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 20, 1984

Chevron U.S.A., Inc.
700 South Colorado Blvd.
P.O. Box 599
Denver, Colorado 80201

ATTN: R.H. Elliott

Gentlemen:

RE: Salt Water Disposal Well Approval-Cause No. UIC-034 - Bennion 1-25A4-Sec. 25, T1S, R4W, Duchesne County, Utah

The above referenced well was given conditional approval for conversion to injection status on August 21, 1984. Subsequently, Chevron made a diligent effort in an attempt to obtain a representative formation water sample from the proposed injection interval. Since the proposed injection interval would not yield a sufficient amount of formation water for sampling, the interval cannot be classified as an aquifer in this area. Thus, an aquifer exemption is not necessary at this time.

Approval is hereby granted to convert the subject well to a salt water disposal well in accordance with the application submitted.

Best Regards,

Dianne R. Nielson

Dianne R. Nielson
Director

RJF/mfp

an equal opportunity employer • please recycle paper

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

December 20, 1984

Chevron U.S.A., Inc.
700 South Colorado Blvd.
P.O. Box 599
Denver, Colorado 80201

ATTN: R.H. Elliott

Gentlemen:

RE: Salt Water Disposal Well Approval-Cause No. UIC-034 - Bennion 1-25A4-Sec. 25, T1S, R4W, Duchesne County, Utah

The above referenced well was given conditional approval for conversion to injection status on August 21, 1984. Subsequently, Chevron made a diligent effort in an attempt to obtain a representative formation water sample from the proposed injection interval. Since the proposed injection interval would not yield a sufficient amount of formation water for sampling, the interval cannot be classified as an aquifer in this area. Thus, an aquifer exemption is not necessary at this time.

Approval is hereby granted to convert the subject well to a salt water disposal well in accordance with the application submitted.

Best Regards,

Dianne R. Nielson

Dianne R. Nielson
Director

RJF/mfp

an equal opportunity employer • please recycle paper

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE* (other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED JAN 14 1985 DIVISION OF OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER (Shut-in)

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Chevron U.S.A. Inc.

8. FARM OR LEASE NAME: Chev-King-Silver et al E. Bennion

3. ADDRESS OF OPERATOR: P. O. Box 599, Denver, Colorado 80201

9. WELL NO.: 1-25A4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1476' FNL and 1164' FEL SENE

10. FIELD AND POOL, OR WILDCAT: Altamont-Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25, T1S, R4W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6435'

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was perforated to obtain water samples with no samples obtained as follows:

1. MIR & RU. ND wellhead. NU BOPE.
2. POOH w/ 10 jts. 1-1/2" tubing and 260 jts. 2-7/8" tubing.
3. RIH w/ wax cutter to 8000'. Circulated well with hot oil truck.
4. RIH w/ packer and BPV, set at 7410 and 7851'.
5. Swabbed well.
6. Perforated interval 7510' w/ 2 shots.
7. Swabbed well. No fluid entry.
8. Acidized perf at 7510' w/ 250 gals. 15% HCL.
9. Swabbed well.
10. Perforated intervals 7524-7531 and 7478-7480'. See attachment.
11. Acidized perfs 7524-7480' w/ 250 gals 15% HCL.
12. Swabbed perfs 7478-7531'.
13. Perforated 7516-7772'. See attachment.
14. Swabbed perfs 7478-7772'.
15. Unable to obtain water samples.
16. RIH w/ 1-1/2" and 2-7/8" tubing, land at 353' and 7428'.
17. ND BOPE. NU wellhead.
18. Shut well in.

Work done September 13-25, 1984

3 - State
2 - BLM
1 - GDE
1 - Sec. 724C
1 - LJT
1 - file

No additional surface disturbances required for this activity.

18. I hereby certify that the foregoing is true and correct

SIGNED J.J. Johnson TITLE Engineering Assistant DATE Jan 9, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

1-25A4

WELL NAME: Chevron-[redacted]g-Silver et al E. Bennion

FIELD: Altamont

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips):

7510 2 shots

7524-7531 2 shots/ft.
7478-7480 2 shots/ft.

7516-7534 4 shots/ft.
7648-7662 4 shots/ft.
7766-7772 4 shots/ft.

2. Company doing work: GO Wireline and Oil Well Perforation

3. Date of work: September 15, 19, 21, 1984

4. Additional surface disturbances: None

5. Production after work:

Date	BOPD	MCFD	BWPD
9/25	Shut well in		

1/18/82

Form OGC-1b

SUBMIT IN TRIPLICATE* (See instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED JAN 14 1985 DIVISION OF OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER (Shut-in)

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Chevron U.S.A. Inc.

8. FARM OR LEASE NAME: Chev-King-Silver et al E. Bennion

3. ADDRESS OF OPERATOR: P. O. Box 599, Denver, Colorado 80201

9. WELL NO.: 1-25A4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1476' FNL and 1164' FEL SENE

10. FIELD AND POOL, OR WILDCAT: Altamont-Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25, T1S, R4W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6435'

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was perforated to obtain water samples with no samples obtained as follows:

1. MIR & RU. ND wellhead. NU BOPE.
2. POOH w/ 10 jts. 1-1/2" tubing and 260 jts. 2-7/8" tubing.
3. RIH w/ wax cutter to 8000'. Circulated well with hot oil truck.
4. RIH w/ packer and BPV, set at 7410 and 7851'.
5. Swabbed well.
6. Perforated interval 7510' w/ 2 shots.
7. Swabbed well. No fluid entry.
8. Acidized perf at 7510' w/ 250 gals. 15% HCL.
9. Swabbed well.
10. Perforated intervals 7524-7531 and 7478-7480'. See attachment.
11. Acidized perfs 7524-7480' w/ 250 gals 15% HCL.
12. Swabbed perfs 7478-7531'.
13. Perforated 7516-7772'. See attachment.
14. Swabbed perfs 7478-7772'.
15. Unable to obtain water samples.
16. RIH w/ 1-1/2" and 2-7/8" tubing, land at 353' and 7428'.
17. ND BOPE. NU wellhead.
18. Shut well in.

Work done September 13-25, 1984

3 - State
2 - BLM
1 - GDE
1 - Sec. 724C
1 - LJT
1 - file

No additional surface disturbances required for this activity.

18. I hereby certify that the foregoing is true and correct

SIGNED J.J. Johnson TITLE Engineering Assistant DATE Jan 9, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

1-25A4

WELL NAME: Chevron-King-Silver et al E. Bennion

FIELD: Altamont

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips):

   7510 2 shots

   7524-7531 2 shots/ft.
   7478-7480 2 shots/ft.

   7516-7534 4 shots/ft.
   7648-7662 4 shots/ft.
   7766-7772 4 shots/ft.

2. Company doing work: GO Wireline and Oil Well Perforation

3. Date of work: September 15, 19, 21, 1984

4. Additional surface disturbances: None

5. Production after work:

Date	BOPD	MCFD	BWPD
9/25	Shut well in		

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

R. H. Elliott
Area Superintendent

RECEIVED
JAN 16 1985
DIVISION OF
OIL, GAS & MINING

January 11, 1985

Bennion 1-25A4
Salt Water Disposal Well
Section 25, T1S, R4W
Altamont Field
Duchesne County, Utah

Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention UIC Program

Gentlemen:

Conversion of the subject well has not begun. We have delayed proceeding with the work and substantial capital expense until we received your approval.

Since we have received the approval, we will be proceeding with the detailed program and obtaining the necessary in-house approvals. The actual wellwork will probably begin near midyear.

If you have any questions, please contact M. M. Chambers at (303) 691-7556.

Sincerely,

R H Elliott /R17

RHE:js

RECEIVED

MAR 1 4 1985

DIVISION OF OIL GAS & MINING

REPORT OF UNDESIRABLE EVENT

NTL–3A (EFFECTIVE MARCH 1, 1979)

To: District Manager, B.L.M., Fluid Minerals
From: Chevron U.S.A. Inc., P. O. Box 599, Denver, Colorado 80201

1. Spill ✓ Discharge ____ Blowout ____ Accident ____ Fire or Explosion ____
2. BBLS Discharged: 60 BBLs Produced water 10 BBLs DIRT soaked Crude 40 BBLs Crude Oil BBLS Lost: ____
3. Contained on location: Yes ✓ No ____
4. Date and time of event: 3/11/85 8 PM
5. Date and time reported to B.L.M.: 3/12/85 3:30 PM (Verbal to Cody Hanson)
6. Location of event: Bennion Battery Duchense County Utah Sec. 25 R4W, T1S, SE¼, NE¼
7. Specific nature and cause of event
   Mechanical failure 3" steel gate valve used as a drain valve on the bottom of the Beckstead treater broke, for unknown reasons.
8. Describe resultant damage:
   Broken 3" steel gate valve had to be replaced. No Surface Damage No spilled material reached any stream bed or navigatable waters
9. Time required for control of event: 30 minutes.
10. Action taken to control and contain:
    All liquids were contained within Chevron facility. To prevent further loss of fluids, the producing well was shut in and the vessel was isolated.
11. Action taken to prevent recurrence:
    Replaced old 3 inch valve and built up support under existing lines to remove weight and stress on named valve.
12. Cause of death:
    None

*13. Other agencies notified: Environmental Protection Agency
Utah State Dept. of Health (Water Pollution)
Utah State Dept. of Natural Resources.
Chevron USA Inc. (M.L. Swetnam)

14. Other pertinent information:

Signature Craig Goodrich Date 3/12/85

Title Assistant Production Foreman / G.D. Eckhardt

* A COPY OF THIS FORM WAS MAILED TO EACH AGENCY LISTED IN PARAGRAPH 13 ABOVE.

Proven Properties Inc.
P.O. BOX 2049 • HOUSTON, TEXAS 77252-2049 • (713) 546-8780

KENNETH R. HUDDLESTON
President

RECEIVED
JAN 20 1986
DIVISION OF OIL
GAS & MINING

January 13, 1986

Division of Oil, Gas and Mining
State of Utah
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

Re: Change of Operator Bluebell-Altamont Fields,
Duchesne and Uintah Counties, Utah

Gentlemen:

Heretofore on December 26, 1985, Chevron U.S.A. Inc. advised you concerning properties sold by Chevron U.S.A. to Proven Properties, Inc. and informed you by telephone of change of operator with respect thereto.

This will confirm the advice given to you by Chevron U.S.A. Inc. Attached hereto is the same list of wells furnished to you by Chevron U.S.A. which is marked Exhibit "A" and by this reference made a part hereof. Proven Properties, Inc. is now the operator of the wells described in the attached schedule, however, Pennzoil Company will be operating said properties as agent for Proven Properties, Inc.

We will promptly report to you in writing any change of address and any termination of our operator's authority including any designation of a new operator. However, the designation of Proven Properties, Inc. as operator shall remain in full force and effect until and unless a new designation of operator is filed in accordance with the Utah statutes and the rules and regulations and rules of practice and procedure of the Division of Oil, Gas and Mining of the State of Utah.

If there are any additional reports or any additional information which you would wish to have, kindly call Kevin Cunningham at 713-546-8768.

Yours very truly,

PROVEN PROPERTIES, INC.

By Kenneth R. Huddleston
Kenneth R. Huddleston, President

THE BOND IS UNDER THE PENNZOIL NAME, AND THEREFORE PENNZOIL IS SHOWN AS OPERATOR ON UDOGM RECORDS.
6-25-86

Chevron U.S.A. Wells Sold to Proven Properties Inc.,
P.O. Box 2049, Houston, Texas 77252-2049, Effective
December 1, 1985

Entity No.	Well Name
05255	SP-H-U Tribal 2-24Z3
05256	SP-H-U Tribal 4-36Z3
05270	Owen Anderson 1-28A2
05275	Black Jack Ute 1-14-2D
05280	Blue Bench Ute 1
05285	Ute Tribal 1-6B2
05295	Campbell Ute St. 1-7B1
05300	Campbell Ute 1-12B2
05305	Cheney 1-33A2
05306	Cheney #2-33-A2
05320	Duchesne County Snider 1-9C4
05325	Duch Co 1-17C4
05330	Duch Co Tribal U 1
05335	Evans Ute 1-17B3
05336	Evans Ute #2-17-B3
05340	Fortune Ute Fed1-11C5
05345	Freston St 1-8B1
05350	Geritz Mur 1-6C4
05360	Hamblin 1-26A2
05361	Hamblin 2-26-A2
05370	J Robertsn Ute 1-1B1

Entity No.		Well Name
05666		Dillman 2-28A2
05675		C R Ames 1-23A4
05695		St U 1-7B1E
05700		Ute Tribal U 6-7B3
05705		Ute Tribal 1-6B3
05710		Lyn Timothy U 1-10B1
05715		Ute Tribal 9-4B1
05720	1s 4w 25	E Bennion U 1-25A4
05725		B Hartman U 1-31A3
05730		Ute Tribal 7-24A3
05735		Ute Tribal U 2-12A3
05740		L Boren U 1-24A2
05745		Lamicq-Urty U 3-17A2
05750		L Boren U-6-16A2
05755		L Boren U 3-15A2
05760		Virgil B Mecham U 1
05765		St Unit 2-35A2
05770		Harmston U 1-32A1
05775		WH Blanchard 2-3A2
05780		Walker V. Brown #1
05785		Ute Allotted U 1-36Z2
05790		T Horrocks 1-6A1
05795		Joseph Yack U 1-7A1
05800		Curtis Bastian 1-7A1
05805		Chsl-Fly-Dia 1-18A1

Entity No.	Well Name
05375	Rachel Jensen 1-16C5
05385	John 1-3B2
05387	John 2-3-B2
05390	Verl Johnson 1
05400	Lamicq 1-20A2
05405	J Lamicq St. 1-6B-1
05410	L Rbrtsn St 1-1B2
05412	Lamicq-Robertson State #2-1-B2
05415	Lamicq Ute 1-5B2
05425	McElprang 1-31A1
05430	Marguerite Ute 1-8B2
05435	May Ute Fed 1-13B1
05440	Moon Tribal 1-30C4
05450	Mortensen 1-32A2
05452	Mortensen 2-32-A2
05455	Phillips Ute 1-3C5
05460	Reese Estate 1-10B2
05465	Robertson 1-29A2
05470	Robertson Ute 1-2-B2
05472	Robertson Ute 2-2-B2
05475	Rbrtsn Ute St 1-12B1
05480	Saleratus W/U 1-7C5
05485	Shrine Hsptl 1-10C5
05490	Smith Albert 1-8C5
05495	Smith Albert 2-8C5

Entity No.	Well Name
05500	Smith Broadhead 1-9C5
05505	Smith David Ute 1-6C5
05510	Smith Joseph 1-17C5
05515	Smith Ute 1-18C5
05520	St Lnd Brd Ute 1-35A1
05525	Taylor Maurel 1
05530	Todd USA St 1-2B1
05535	Tomlinson Fed 1
05540	Unta Ouray Trbl 1-1A3
05545	Urrutz 1-34A2
05550	Ut St Fed 1-24B1
05555	Ut St L/B 1-11B1
05560	Ute 1-2A3
05565	Ute 1-2C5
05575	Ute 1-4A3
05580	Ute 1-5C5
05585	Ute 1-10A3
05590	Ute 1-20Z2
05605	Ute Tribal 1-13B3
05610	Ute Tribal 1-21Z2
05620	Ute County 1-20C4
05645	Voda Jsphine 1-19C5
05650	Voda Jsphine 2-19C5
05655	Voda Ute 1-4C5
05665	Woodward Fed 1-21A2

Entity No.	Well Name
05810	State 3-18A1
05815	R G Dye U-1-29A1
05820	Summerell E U 1-30A1
05825	L L Pack 1-33A1
05835	Mobilute Trbl 11-6A2
05836	Ute Tribal #2-7A2
05840	Doug Brown 1-4A2
05845	Lamicq-Urty U 4-5A2
05850	Mobil-Ute Trl 1-7A2
05855	Lamicq-Urty 2-A2
05860	Ut St U 1-10A2
05865	Sprgfld M/B/U 1-10A2
05870	L Boren U 2-11A2
05875	Norman Knd/ U 1-12A2
05876	Clyde Murray 1 (2-2C)
05877	Blanchard Fee 1-3A2
05878	Utah State 1
05880	Olsen U 1-12A2
05885	Fly/Dia 1 Boren 1 (2-14C)
05890	Ute Tribal 3-18A2
05895	Ute Tribal 4-19A2
05900	L Boren U 5-22A2
05905	L Boren U 4-23A2
05910	Ute Tribal 5-30A2
05915	Ute Allotted 2-18A3

Entity No.	Well Name
05920	P. Bckstd U 1-30A3
05925	Ute Tribal 10-13A4
05930	Karl Shisler U 1-3B1
05935	C. B. Hatch 1-5B1
05940	Norling St. U 1-9B1
05945	H.G. Coltharp 1-15B1
05950	George Murray 1-16B1
05960	E.H. Buzz U 1-11B2
05965	D.L. Galloway 1-14B2
05970	State Pickup 1-6B1E
05975	Mobil-Lami. Ur 1-8A2
09895	Rachel Jensen 2-16C5

an equal opportunity employ

UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. ● (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

● ~~PENNZOIL EXPLOR & PROD CO~~ Pennzoil Company
P O BOX 2967, 25TH FL.
HOUSTON TX 77252 2967
ATTN: ~~WILBURN LUNA~~ Martin Wilson

Utah Account No. N2885

Report Period (Month/Year) 6 / 87

Amended Report ☐

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
UTE TRIBAL 1-6B3 4301330136 05705 02S 03W 6	WSTC	30	930	680	5693
LYN TIMOTHY U 1-10B1 4301330287 05710 02S 01W 10	GRRV	8	51	289	243
UTE TRIBAL 9-4B1 4301330194 05715 02S 01W 4	GRRV	1	248	1384	0
E BENNION U 1-25A4 4301330060 05720 01S 04W 25	WSTC	0	0	0	0
B HARTMAN U 1-31A3 4301330093 05725 01S 03W 31	WSTC	30	561	321	13867
UTE TRIBAL 7-24A3 4301330203 05730 01S 03W 24	WSTC	28	2879	4167	10793
UTE TRIBAL U 2-12A3 4301330042 05735 01S 03W 12	WSTC	29	347	149	0
L BOREN U 1-24A2 4301330084 05740 01S 02W 24	WSTC	23	1898	6543	3083
LAMICQ-URTY U 3-17A2 4301330099 05745 01S 02W 17	WSTC	30	5692	4301	6349
L BOREN U 6-16A2 4301330123 05750 01S 02W 16	WSTC	30	8461	9580	14906
L BOREN U 3-15A2 4301330086 05755 01S 02W 15	GR-WS	30	9111	8388	14058
VIRGIL B MECHAM U 1 4301330009 05760 01S 02W 11	GRRV	0	0	0	0
ST UNIT 2-35A2 4301330156 05765 01S 02W 35	WSTC	27	2382	5870	12038
	TOTAL		32560	41672	81030

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date Aug 1, 1987

Authorized signature Martin Wilson

Telephone 713-546-8104

PLEASE COMPLETE FORMS IN BLACK INK

PENNZOIL COMPANY
PENNZOIL PLACE • P. O. BOX 2967 • HOUSTON, TEXAS 77252-2967 • (713) 546-4000

RECEIVED
AUG 4 1987
DIVISION OF OIL
GAS & MINING

July 30, 1987

Utah Natural Resources
Division of Oil, Gas, & Mining
Attn: Tammy Searing
355 Triad Center, Suite #350
Salt Lake City, Utah 84180-1203

Ms. Searing:

This letter is to confirm our telephone conversation of July 30, 1987, regarding the name change from Pennzoil Exploration & Production Co. to Pennzoil Company.

Please change your records to reflect this name change effective August 1, 1987.

Your contact for drilling operations will continue to be Will Luna at our Neola office. The contact for the monthly production reports will be myself at our Houston address. All affected properties, except the drilling activity, are listed on the attached production report for June, 1987. The bonding is in the name of Pennzoil Company.

This is a change in name only, the company and personnel have remained the same. If you need additional information, please call me at (713)-546-8104.

Sincerely,

Martin Wilson
Onshore Accounting

mh/dcw

DOGM Form 5
May 5, 1987

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

RECEIVED
JUN 13 1988
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR: Pennzoil Company Utah Acct. # N0705

3. ADDRESS OF OPERATOR: P.O. Box 2967 Houston, TX 77252-2967

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: See Attached List of Wells

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: See Attached List

9. WELL NO.:

10. FIELD AND POOL, OR WILDCAT: Bluebell/Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA:

12. COUNTY OR PARISH: Duchesne & Uintah

13. STATE: Utah

14. API NUMBER:

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropnate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other) Operator Name Change	X			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Change of operator name from Pennzoil Company to Pennzoil Exploration & Production Company, effective June 1, 1988.

See Attached List of wells

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1 TAS	
2 - MICROFILM ✓	
3 - FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED Jorge P. Sanfilippo TITLE Western Div. Production Mgr. DATE 6-9-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

SUNDRY NOTICE OF NA[redacted]HANGE
EXHIBIT A

ENTITY NUMBER	LEASE NAME	LEGAL DESC.	API #	REMARKS
5470	ROBERTSON UTE 1-2B2	2S 2W 2	4301330225	WSTC/GRRV
5472	ROBERTSON UTE 2-2B2	2S 2W 2	4301330921	
5475	ROBERTSON UTE ST 1-12B1	2S 1W 12	4304730164	
5480	SALERATUS WASH 1-7C5	3S 5W 7	4301330098	
5485	SHRINE HOSPITAL 1-10C5	3S 5W 10	4301330393	WSTC
5490	ALBERT SMITH 1-8C5	3S 5W 8	4301330245	
5495	ALBERT SMITH 2-8C5	3S 5W 8	4301330543	
5500	SMITH BROADHEAD 1-9C5	3S 5W 9	4301330316	
5505	DAVID SMITH UTE 1-6C5	3S 5W 6	4301330163	
5510	JOSEPH SMITH 1-17C5	3S 5W 17	4301330188	WSTC
5515	SMITH UTE 1-18C5	3S 5W 18	4301330142	WSTC
5520	ST LANDBOARD 1-35A1	1S 1W 35	4304730182	
5525	MAUREL TAYLOR 1-36A2	1S 2W 36	4301330143	
5530	TODD USA ST 1-2B1	2S 1W 2	4304730167	
5535	TOMLINSON 1-25A2	2S 2W 25	4301330120	
5540	UINTAH OURAY 1-1A3	1S 3W 1	4301330132	
5545	URRUTY 1-34A2	1S 2W 34	4301330149	
5550	UTAH ST FEDERAL 1-24B1	2S 1W 24	4304730220	
5555	UT ST LANDBOARD 1-11B1	2S 1W 11	4304730171	
5560	UTE 1-2A3	1S 3W 2	4301330409	
5565	UTE 1-2C5	3S 5W 2	4301330392	
5575	UTE 1-4A3	1S 3W 4	4301330306	
5580	UTE 1-5C5	3S 5W 5	4301330260	
5585	UTE 1-10A3	1S 3W 10	4301330319	
5590	UTE 1-20Z2	1N 2W 20	4301330378	
5605	UTE TRIBAL 1-13B3	2S 3W 13	4301330251	
5610	UTE 1-21Z2	1N 2W 21	4301330148	
5620	UTE COUNTY 1-20C4	3S 4W 20	4301330170	
5645	JOSEPHINE VODA 1-19C5	3S 5W 19	4301330382	
5650	JOSEPHINE VODA 2-19C5	3S 5W 19	4301330553	WSTC
5655	VODA UTE 1-4C5	3S 5W 4	4301330283	
5665	WOODWARD FED 1-21A2	1S 2W 21	4301330130	
5666	DILLMAN 2-28A2	1S 2W 28	4301330821	
5675	CR AMES 1-23A4	1S 4W 23	4301330375	
5680	FEDERAL 1-28	5S 19E 28	4304730175	
5685	FEDERAL 1-27	5S 19E 27	4304730181	WSTC
5695	STATE 1-7B1E	2S 1E 7	4304730180	
5700	UTE TRIBAL 6-7B3	2S 3W 7	4301330211	
5705	UTE 1-6B3	2S 3W 6	4301330136	
5710	L. TIMOTHY 1-10B1	2S 1W 10	4301330287	WSTC
5715	UTE TRIBAL 9-4B1	2S 1W 4	4301330194	WSTC
5720	BENNION 1-25A4	1S 4W 25	4301330060	
5725	HARTMAN 1-31A3	1S 3W 31	4301330093	
5730	UTE TRIBAL 7-24A3	1S 3W 24	4301330203	
5735	UTE 2-12A3	1S 3W 12	4301330042	GRRV
5740	L. BOREN 1-24A2	1S 2W 24	4301330084	
5745	LAMICQ URRUTY 3-17A2	1S 2W 17	4301330099	
5750	L. BOREN 6-16A2	1S 2W 16	4301330123	
5755	L. BOREN 3-15A2	1S 2W 15	4301330086	
5760	VIRGIL MECHAM 1-11A2	1S 2W 11	4301330009	
5765	STATE 2-35A2	1S 2W 35	4301330156	
5770	HARMSTON 1-32A1	1S 1W 32	4301330224	WSTC
5775	BLANCHARD 2-3A2	1S 2W 3	4301330008	

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

JAN 02 1990

DIVISION OF OIL, GAS & MINING

WATER ANALYSIS REPORT

COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 12-27-89

SOURCE Altamont City Well #2 DATE SAMPLED 12-21-89 ANALYSIS NO. _____

	Analysis	Mg/L (ppm)		*Meq/L	
1. pH	7.5				
2. H_2S (Qualitative)	0				
3. Specific Gravity	1.000				
4. Dissolved Solids		591			
5. Suspended Solids					
6. Anaerobic Bacterial Count	CI C/Ml				
7. (Methyl Orange) Alkalinity (HCO_3)		300			
8. Bicarbonate (HCO_3)		HCO_3 366	÷61	6	HCO_3
9. Chlorides (Cl)		Cl 55	÷35.5	2	Cl
10. Sulfates (SO_4)			÷48	0	SO_4
11. Calcium (Ca)			÷20	8	Ca
12. Magnesium (Mg)			÷12.2	0	Mg
13. Total Hardness ($CaCO_3$)					
14. Total Iron (Fe)					
15. Barium (Ba)					
16. Phosphate Residuals					

*Milli equivalents per liter

GIL —

HERE ARE MOST OF THE WATER WELL ANALYSIS REPORTS FOR WELLS NEAR THE BENNION. ONE OR TWO MORE WILL BE ANALYZED SOON. THANKS.

Jeff

PF

8	Ca		
0	Mg	SO_4	0
0	Na	Cl	2

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

	Equiv. Wt.	X Meq/L	= Mg/L
	41.04	6	486
	68.07		
$CaCl_2$	55.50	2	111
$Mg(HCO_3)_2$	73.17		
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
Na_2SO_4	71.03		
NaCl	58.46		

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

JAN 02 1990

WATER ANALYSIS REPORT

COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 12-27-89

SOURCE Altamont City Well #2 DATE SAMPLED 12-21-89 ANALYSIS NO. _____

	Analysis	Mg/L (ppm)		*Meq/L
1. pH	7.5			
2. H_2S (Qualitative)	0			
3. Specific Gravity	1.000			
4. Dissolved Solids		591		
5. Suspended Solids				
6. Anaerobic Bacterial Count	CI C/MI			
7. (Methyl Orange) Alkalinity (HCO_3)		300		
8. Bicarbonate (HCO_3)		HCO_3 366	÷61	6 HCO_3
9. Chlorides (Cl)		Cl 55	÷35.5	2 Cl
10. Sulfates (SO_4)		SO_4 10	÷48	0 SO_4
11. Calcium (Ca)		Ca 160	÷20	8 Ca
12. Magnesium (Mg)		Mg 0	÷12.2	0 Mg
13. Total Hardness ($CaCO_3$)		400		
14. Total Iron (Fe)		.2		
15. Barium (Ba)				
16. Phosphate Residuals				

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

8	Ca	←	HCO_3	6
0	Mg	→	SO_4	0
0	Na	→	Cl	2

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	6	486
$CaSo_4$	68.07		
$CaCl_2$	55.50	2	111
$Mg(HCO_3)_2$	73.17		
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
Na_2SO_4	71.03		
NaCl	58.46		

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 12-27-89

SOURCE Altamont City Well #5 DATE SAMPLED 12-27-89 ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L
1. pH 7.9		
2. H_2S (Qualitative) 0		
3. Specific Gravity 1.000		
4. Dissolved Solids	544	
5. Suspended Solids		
6. Anaerobic Bacterial Count CI C/MI		
7. (Methyl Orange) Alkalinty (HCO_3)	310	
8. Bicarbonate (HCO_3)	HCO_3 378	÷61 6 HCO_3
9. Chlorides (Cl)	Cl 35	÷35.5 1 Cl
10. Sulfates (SO_4)	SO_4 15	÷48 0 SO_4
11. Calcium (Ca)	Ca 80	÷20 4 Ca
12. Magnesium (Mg)	Mg 36	÷12.2 3 Mg
13. Total Hardness ($CaCO_3$)	350	
14. Total Iron (Fe)	2.9	
15. Barium (Ba)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

4	Ca	HCO_3
3	Mg	SO_4
0	Na	Cl

6	
0	
1	

Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	4	324
$CaSo_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	2	146
$MgSO_4$	60.19		
$MgCl_2$	47.62	1	48
$NaHCO_3$	84.00		
Na_2SO_4	71.03		
NaCl	58.46		

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

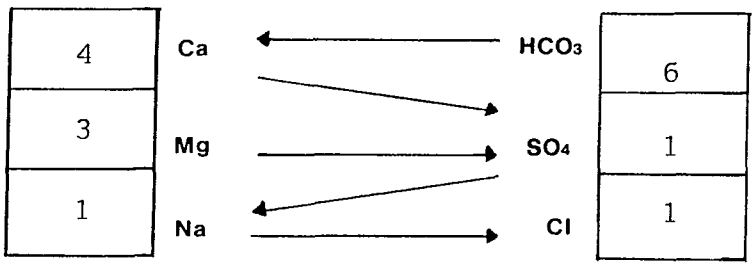
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 12-27-89

SOURCE Altamont City Well #4 DATE SAMPLED 12-21-89 ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L
1. pH	7.6	
2. H_2S (Qualitative)	0	
3. Specific Gravity	1.000	
4. Dissolved Solids	556	
5. Suspended Solids		
6. Anaerobic Bacterial Count	CI C/Ml	
7. (Methyl Orange) Alkalinty (HCO_3)	280	
8. Bicarbonate (HCO_3)	HCO_3 342	÷61 6 HCO_3
9. Chlorides (Cl)	Cl 35	÷35.5 1 Cl
10. Sulfates (SO_4)	SO_4 40	÷48 1 SO_4
11. Calcium (Ca)	Ca 80	÷20 4 Ca
12. Magnesium (Mg)	Mg 36	÷12.2 3 Mg
13. Total Hardness ($CaCO_3$)	350	
14. Total Iron (Fe)	.5	
15. Barium (Ba)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	4	324
$CaSo_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	2	146
$MgSO_4$	60.19	1	60
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
$NaSO_4$	71.03		
NaCl	58.46	1	58

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

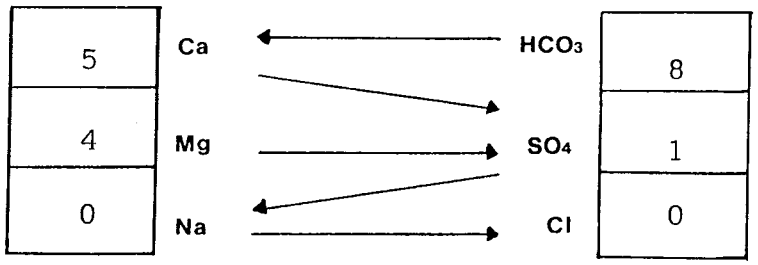
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 12-12-89

SOURCE Zella R. Bennion DATE SAMPLED _____ ANALYSIS NO. _____

	Analysis	Mg/L (ppm)		*Meq/L	
1. pH	8.0				
2. H_2S (Qualitative)	0				
3. Specific Gravity	1.000				
4. Dissolved Solids		686			
5. Suspended Solids					
6. Anaerobic Bacterial Count	CI C/MI				
7. (Methyl Orange) Alkalinty (HCO_3)		390			
8. Bicarbonate (HCO_3)		HCO_3 476	÷61	8	HCO_3
9. Chlorides (Cl)		Cl 18	÷35.5	0	Cl
10. Sulfates (SO_4)		SO_4 50	÷48	1	SO_4
11. Calcium (Ca)		Ca 90	÷20	5	Ca
12. Magnesium (Mg)		Mg 52	÷12.2	4	Mg
13. Total Hardness ($CaCO_3$)		440			
14. Total Iron (Fe)		.7			
15. Barium (Ba)					
16. Phosphate Residuals					

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO_3	13 Mg/L
Ca $SO_4 \cdot 2H_2O$	2,090 Mg/L
Mg CO_3	103 Mg/L

Compound	Equiv. Wt.	X Meq/L	= Mg/L
Ca $(HCO_3)_2$	81.04	5	405
Ca So_4	68.07		
Ca Cl_2	55.50		
Mg $(HCO_3)_2$	73.17	3	219
Mg SO_4	60.19	1	60
Mg Cl_2	47.62		
Na HCO_3	84.00		
Na SO_4	71.03		
Na Cl	58.46		

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 12-12-89

SOURCE Ned Mitchell Sec 25 (120' deep) DATE SAMPLED _____ ANALYSIS NO. _____

Analysis		Mg/L (ppm)		*Meq/L	
1. pH	7.3				
2. H_2S (Qualitative)	0				
3. Specific Gravity	1.001				
4. Dissolved Solids		748			
5. Suspended Solids					
6. Anaerobic Bacterial Count	CI C/Ml				
7. (Methyl Orange) Alkalinty (HCO_3)		340			
8. Bicarbonate (HCO_3)		HCO_3 415	÷61	7	HCO_3
9. Chlorides (Cl)		Cl 14	÷35.5	0	Cl
10. Sulfates (SO_4)		SO_4 150	÷48	3	SO_4
11. Calcium (Ca)		Ca 120	÷20	6	Ca
12. Magnesium (Mg)		Mg 49	÷12.2	4	Mg
13. Total Hardness ($CaCO_3$)		500			
14. Total Iron (Fe)		.7			
15. Barium (Ba)					
16. Phosphate Residuals					

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

6	Ca	←	HCO_3	7
4	Mg	→	SO_4	3
0	Na	→	Cl	0

Saturation Values	Distilled Water 20°C
Ca CO_3	13 Mg/L
Ca SO_4 - $2H_2O$	2,090 Mg/L
Mg CO_3	103 Mg/L

Compound	Equiv. Wt.	X Meq/L	= Mg/L
Ca $(HCO_3)_2$	81.04	6	486
Ca So_4	68.07		
Ca Cl_2	55.50		
Mg $(HCO_3)_2$	73.17	1	73
Mg SO_4	60.19	3	180
Mg Cl_2	47.62		
Na HCO_3	84.00		
Na SO_4	71.03		
Na Cl	58.46		

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

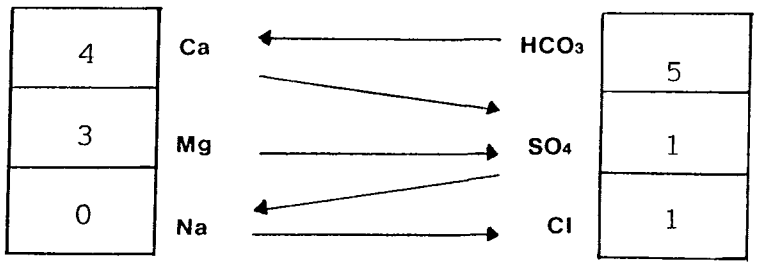
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 12-12-89

SOURCE Roger Mitchell Sec 30 (60' deep) DATE SAMPLED _____ ANALYSIS NO. _____

Analysis		Mg/L (ppm)		*Meq/L	
1. pH	7.9				
2. H_2S (Qualitative)	0				
3. Specific Gravity	1.000				
4. Dissolved Solids		499			
5. Suspended Solids					
6. Anaerobic Bacterial Count	CI C/Ml				
7. (Methyl Orange) Alkalinty (HCO_3)		250			
8. Bicarbonate (HCO_3)	HCO_3	305	÷61	5	HCO_3
9. Chlorides (Cl)	Cl	18	÷35.5	1	Cl
10. Sulfates (SO_4)	SO_4	60	÷48	1	SO_4
11. Calcium (Ca)	Ca	80	÷20	4	Ca
12. Magnesium (Mg)	Mg	36	÷12.2	3	Mg
13. Total Hardness ($CaCO_3$)		350			
14. Total Iron (Fe)		.6			
15. Barium (Ba)					
16. Phosphate Residuals					

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	4	324
$CaSo_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	1	73
$MgSO_4$	60.19	1	60
$MgCl_2$	47.62	1	48
$NaHCO_3$	84.00		
Na_2SO_4	71.03		
NaCl	58.46		

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

JAN 02 1990

WATER ANALYSIS REPORT

COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 12-12-89

SOURCE Ken Burdick Well Watter Sec.30 DATE SAMPLED _____ ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L
1. pH 7.8		
2. H_2S (Qualitative) 0		
3. Specific Gravity 1.000		
4. Dissolved Solids	429	
5. Suspended Solids		
6. Anaerobic Bacterial Count CI C/MI		
7. (Methyl Orange) Alkalinty (HCO_3)	180	
8. Bicarbonate (HCO_3)	HCO_3 219	÷61 4 HCO_3
9. Chlorides (Cl)	Cl 35	÷35.5 1 Cl
10. Sulfates (SO_4)	SO_4 50	÷48 1 SO_4
11. Calcium (Ca)	Ca 60	÷20 3 Ca
12. Magnesium (Mg)	Mg 19	÷12.2 1 Mg
13. Total Hardness ($CaCO_3$)	230	
14. Total Iron (Fe)	.9	
15. Barium (Ba)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

3	Ca	HCO_3	4
1	Mg	SO_4	1
2	Na	Cl	1

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	3	243
$CaSo_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	1	73
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
Na_2SO_4	71.03	1	71
NaCl	58.46	1	59

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

JAN 02 1990

WATER ANALYSIS REPORT

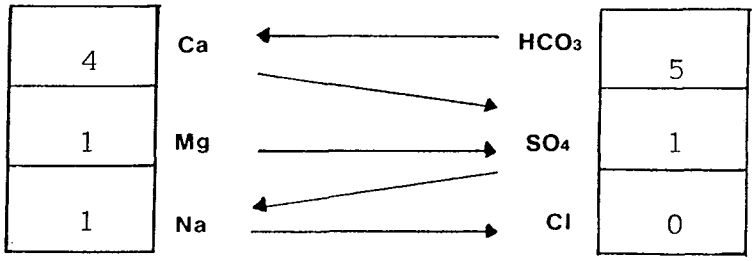
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 12-12-89

SOURCE Glen Simpkins Well Water DATE SAMPLED _____ ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L
1. pH 8.2		
2. H_2S (Qualitative) .5		
3. Specific Gravity 1.002		
4. Dissolved Solids	467	
5. Suspended Solids		
6. Anaerobic Bacterial Count CI C/Ml		
7. (Methyl Orange) Alkalinty (HCO_3)	230	
8. Bicarbonate (HCO_3)	HCO_3 281	÷61 5 HCO_3
9. Chlorides (Cl)	Cl 41	÷35.5 0 Cl
10. Sulfates (SO_4)	SO_4 50	÷48 1 SO_4
11. Calcium (Ca)	Ca 80	÷20 4 Ca
12. Magnesium (Mg)	Mg 19	÷12.2 1 Mg
13. Total Hardness ($CaCO_3$)	280	
14. Total Iron (Fe)	.8	
15. Barium (Ba)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	4	324
$CaSo_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	1	73
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
$NaSO_4$	71.03	1	71
NaCl	58.46		

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

REMARKS _____

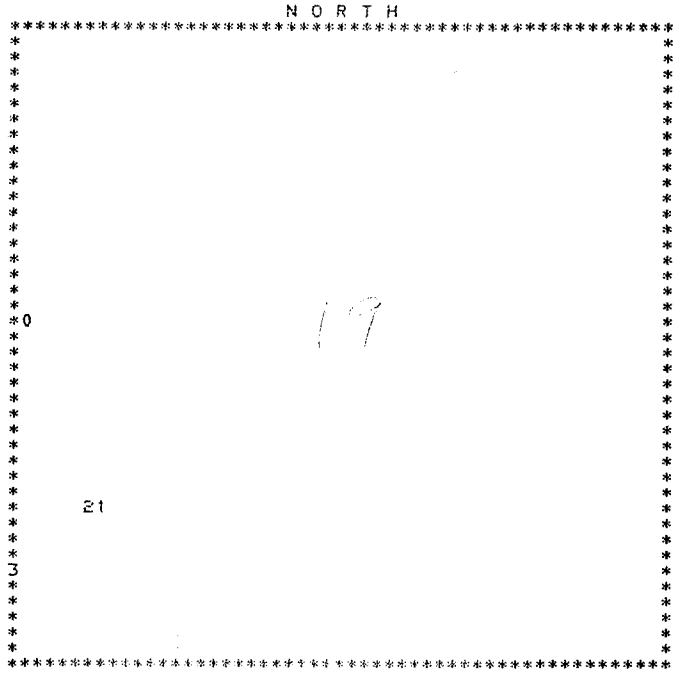
Water wells in proximity to the Bennion 1-25A4 disposal well:

Owner	Section	Township	Range	Depth
Lynn Hansen	19	1S	3W	200
Dan Miles	24	1S	4W	34
Altamont Town	25	1S	4W	80 600 83
Lawrence Ward	30	1S	3W	45
Kent Dastrup	30	1S	3W	120
Roger Mitchell	30	1S	3W	65

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED MON, NOV 13, 1989, 11:09 AM
PLOT SHOWS LOCATION OF 5 POINTS OF DIVERSION

PLOT OF ALL QUARTER(S) IN SECTION 19 TOWNSHIP 1S RANGE 3W US BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 1000 FEET



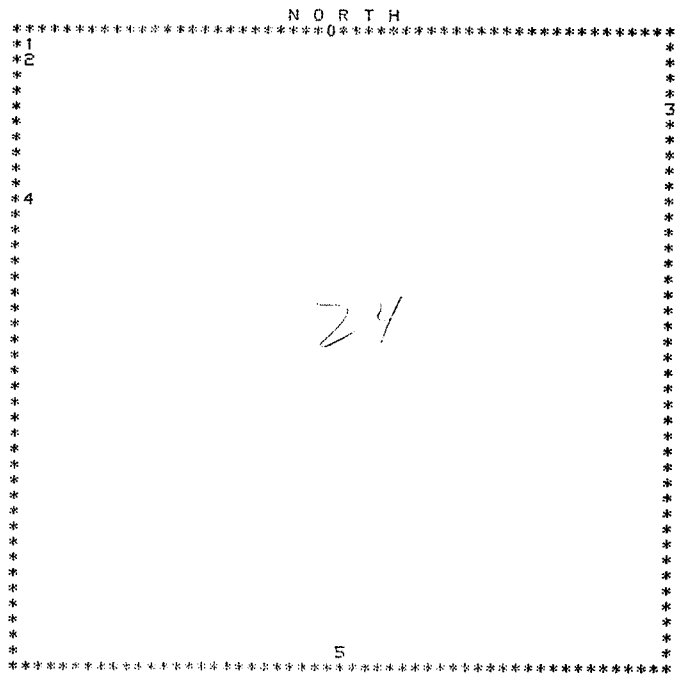
UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR	AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER	DEPTH	YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH	EAST	CNR	SEC	TWN	RNG	B&M	UNN	APP	PER	TER	SUR	UGW	PTE	RED
0	43 1419	.0150		.00	6	54		N 135	E 85	W4	19	1S	3W	US			X			X		
	WATER USE(S): DOMESTIC																					
	Fisher, Edwin C.										Altamont				UT 84001							
1	43 1134	.2110		.00	Spring Area			S 1300	E 740	W4	19	1S	3W	US		X			X			
	WATER USE(S): IRRIGATION STOCKWATERING																					
	Hansen, Lynn Ray										Altamont				UT 84001							
2	43 762	.3060		.00	Spring Area			S 1320	E 630	W4	19	1S	3W	US			X		X			
	WATER USE(S): IRRIGATION STOCKWATERING OTHER																					
	Hansen, Lynn Ray										Altamont				UT 84001							
2	43 762	.3060		.00	Spring Area			S 1320	E 630	W4	19	1S	3W	US			X					X
	WATER USE(S): IRRIGATION STOCKWATERING OTHER																					
	Hansen, Lynn Ray										Altamont				UT 84001							
3	43 7977	.0150		.00	6	100 - 200		N 800	E 50	SW	19	1S	3W	US			X			X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																					
	Hansen, Lynn										Altamont				UT 84001							

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED MON, NOV 13, 1989, 11:10 AM
PLOT SHOWS LOCATION OF 6 POINTS OF DIVERSION

PLOT OF ALL QUARTER(S) IN SECTION 24 TOWNSHIP 1S RANGE 4W US BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 1000 FEET



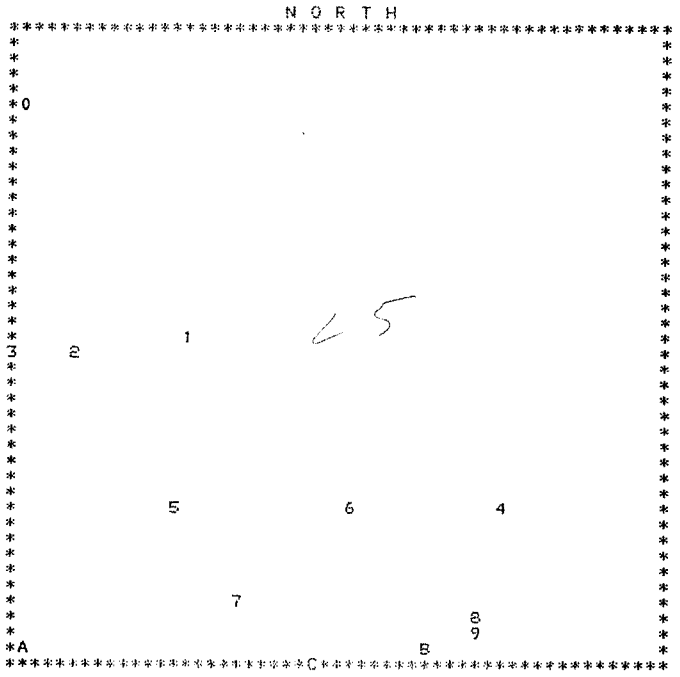
UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	QUANTITY AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER	DEPTH	YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH	EAST	CNR	SEC	TWN	RNG	B&M	UNN	APP	PER	TER	SUR	UGW	PTP	RED
0	43 8977	.0150	.00	6	120		S 15	W 150	N4	24	1S	4W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																				
	Fouts, Alex				Box #246					Altamont					UT 84001						
1	43 3543	.0150	.00	6	125		S 84	E 100	NW	24	1S	4W	US			X			X		
	WATER USE(S): DOMESTIC																				
	Dastrup, Bernard									Altonah					UT 84002						
2	43 9315	.0150	.00	6	- 60		S 300	E 150	NW	24	1S	4W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																				
	Fisher, Brent E. and Kathrine				P.O. Box 32					Altamont					UT 84001						
3	43 3627	1.0000	.00 Spring Area				S 650	W 50	NE	24	1S	4W	US			X		X			
	WATER USE(S): IRRIGATION STOCKWATERING OTHER																				
	Hansen, Lynn Ray									Altamont					UT 84001						
4	43 7464	.0150	.00	6	30		N 1180	E 100	W4	24	1S	4W	US			X			X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																				
	Fisher, George (Jr.)									Altonah					UT 84002						
5	43 2940	.0150	.00	6	34		N 100	E 40	S4	24	1S	4W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																				
	Miles, Dan W. (C/O Robert Miles)									Altamont					UT 84001						

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED MON, NOV 13, 1989, 11:11 AM
PLOT SHOWS LOCATION OF 16 POINTS OF DIVERSION

PLOT OF ALL QUARTER(S) IN SECTION 25 TOWNSHIP 1S RANGE 4W US BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 1000 FEET



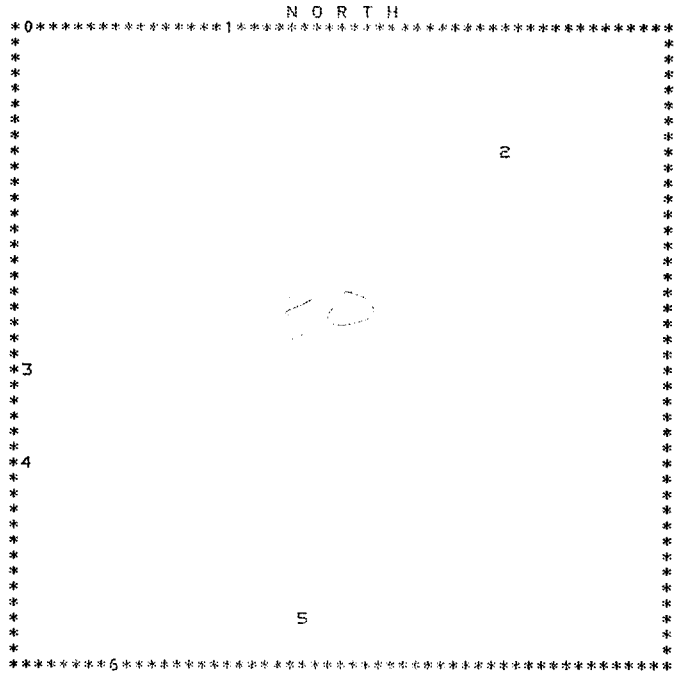
UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER	DEPTH	YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH	EAST	CNR	SEC	TWN	RNG	B&M	UNN	APPR	PERR	TRR	SUR	UGW	PTP	RED
0	43 8610	.0150	.00	6	30		S 700	E 60	NW	25	1S	4W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																				
	Oman, Orlan B.				Box 85						Altamont					UT 84001					
1	43 2916	.2220	.00	8	80		N 2730	E 1380	SW	25	1S	4W	US		X				X		
	WATER USE(S): MUNICIPAL																				
	Altamont, Town of										Altamont					UT 84001					
2	43 6900	.0150	.00	6	- 46	1972 Y	S 70	E 520	W4	25	1S	4W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																				
	Miller, Loren Kenneth & Susan Byrd				P. O. Box 301						Altamont					UT 84001					
2	43 8061	.0150	.00	6	- 46	1972 Y	S 70	E 520	W4	25	1S	4W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																				
	Miller Loren Kenneth Jr & Susan Byrd				Box 301						Altamont					UT 84001					
3	43 7920	.0150	.00	6	44		S 115	E 20	W4	25	1S	4W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																				
	Wall, Peter N. & Lucille										Altamont					UT 84001					
4	43 7519	.0150	.00	6	1 - 80		N 1300	E 1300	S4	25	1S	4W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																				
	Thacker, Danny Boyd or Vallorie				P.O.Box 83						Altamont					UT 84001					
5	43 491	.2300	.00	Underground Water Well			N 1297	W 1305	S4	25	1S	4W	US		X				X		
	WATER USE(S): MUNICIPAL																				
	Altamont, Town of										Altamont					UT 84001					
5	43 3757	.5000	.00	10	83		N 1277	W 1305	S4	25	1S	4W	US		X				X		
	WATER USE(S): DOMESTIC																				
	Altamont, Town of										Altamont					UT 84001					
6	43 8988	.4010	.00	12	600	N	N 1288	E 130	S4	25	1S	4W	US		X				X		
	WATER USE(S): MUNICIPAL																				
	Altamont, Town of				P.O. Box 142						Altamont					UT 84001					
6	a13799	.5000	362.00	12	- 600		N 1288	E 130	S4	25	1S	4W	US		X				X		
	WATER USE(S): MUNICIPAL																				
	TOWN OF ALTAMONT				P. O. Box 142						Altamont					UT 84001					
7	43 3590	.0150	.00	Underground Water Well			N 480	E 1865	SW	25	1S	4W	US		X				X		
	WATER USE(S): DOMESTIC STOCKWATERING																				
	Thacker, James R.										Altamont					UT 84001					
8	43 8241	.0150	.00	6	165		N 350	E 1085	S4	25	1S	4W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING OTHER																				
	Mirchell, Ned B. & Norma D.				Box 291						Altamont					UT 84001					
9	43 8837	.0150	.00	5	400		N 310	E 1085	S4	25	1S	4W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING OTHER																				
	Mitchell, Ned B.				P.O. Box 201						Altamont					UT 84001					
A	43 9378	.0150	.00	6	50 - 100		N 150	E 100	SW	25	1S	4W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																				
	Oman, Orlan B.				P.O. Box 85						Altamont					UT 84001					
B	43 9675	.0150	.00	6	50 - 200		S 2520	W 1930	E4	25	1S	4W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING OTHER																				
	Goodrich, Sharleen				Box 704						Bluebell					UT 84007					
C	43 5044	.0220	.00	48	45		N 50	W 200	S4	25	1S	4W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																				
	Thacker, D. Wesley										Mt. Emmons					UT					

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED MON, NOV 13, 1989, 11:08 AM
PLOT SHOWS LOCATION OF 7 POINTS OF DIVERSION

PLOT OF ALL QUARTER(S) IN SECTION 30 TOWNSHIP 1S RANGE 3W US BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 1000 FEET



UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	QUANTITY AND/OR	QUANTITY AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER	DEPTH	YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH	EAST	CNR	SEC	TWN	RNG	B&M	UNN	APP	PER	TER	SUR	UGW	PTP	RED
0	43 3150	.0150		.00	7	60 - 80		S 26	E 107	NW	30	1S	3W	US			X			X		
	WATER USE(S): IRRIGATION OTHER																					
	Timothy, Heber											Mt. Emmons		UT								
1	43 9768	.0150		.00	Unnamed Spring Area			S 48	E 1770	NW	30	1S	3W	US		X			X			
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																					
	Gilman Ned Mitchell					P.O. Box 186						Altamont		UT 84001								
2	43 3395	9.6500		.00	Sand Wash			S 1056	W 1277	NE	30	1S	3W	US			X		X			
	WATER USE(S): OTHER																					
	Hansen, J. Leo											Roosevelt		UT 84066								
3	43 3426	.0150		.00	7	45		N 2455	E 125	SW	30	1S	3W	US			X			X		
	WATER USE(S): DOMESTIC																					
	Ward, Lawrence					Box 60						Mt. Emmons		UT								
4	43 8528	.0150		.00	6	120		S 980	E 75	W4	30	1S	3W	US		X				X		
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING																					
	Dastrup, L. Kent					P.O. Box 218						Altamont		UT 84001								
5	43 7701	.1000		.00	Developed Spring			N 390	W 330	S4	30	1S	3W	US			X		X			
	WATER USE(S): IRRIGATION STOCKWATERING																					
	Hansen, Loa I.					Box 125						Altamont		UT 84001								
6	43 3081	.0150		.00	6	65		N 62	E 835	SW	30	1S	3W	US			X			X		
	WATER USE(S): DOMESTIC STOCKWATERING																					
	Mitchell, Roger B. & Sandra K.											Altamont		UT 84001								

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2405

SEP 22 [illegible]

Ref: 8WM-DW

RECEIVED
SEP 27 1989
WESTERN DIVISION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. George SanFilippo
Western Production Manager
Pennzoil Exploration and Production Company
P.O. Box 2967
Houston, TX 77252

RE: Notice of Noncompliance
Bennion 1-25A4

Dear Mr. SanFilippo:

During a recent Environmental Protection Agency (EPA) [illegible]tion of Pennzoil facilities in the Altamont and Bluebell [illegible] in Duchesne County, Utah, it appeared that Pennzoil was [illegible] in apparent noncompliance with EPA's regulations of [illegible] wells on the Uinta-Ouray Reservation.

The enclosed information details your responsibilities as an [illegible]perator of injection wells, and outlines EPA's jurisdiction on Indian Lands (all lands within the Reservation boundary regardless of surface or mineral ownership). You will note that all Class II (oil and gas related) injection wells which were in operation prior to November 25, 1988, may remain "authorized by rule" if certain inventory requirements are met by November 25, 1989. Failure to inventory will result in loss of "rule-authorization," requiring that you obtain Underground Injection Control (UIC) permits for any continued injection. Any wells constructed or converted to injection service after November 25, 1988, are required to obtain UIC permits prior to construction conversion. Any wells constructed or converted to injection service after November 25, 1988, without permit are in violation of the Safe Drinking Water Act.

During the inspection at Altamont and Bluebell Fields, EPA became aware of the conversion of the Bennion 1-25A4 salt water disposal well (Sec, 25, T1S, R4W, in Duchesne County, Utah). The conversion of the well was begun after the November 25, 1988, effective date of EPA's UIC Indian Lands program, and was not

permitted as an injection well by EPA. This subjects Pennzoil to possible enforcement actions. Pennzoil was verbally informed that injection could not take place until a permit was issued for the well. This letter confirms that conversation. Unauthorized injection is considered a significant violation of the Safe Drinking Water Act which carries the full weight of EPA enforcement.

By October 6, 1989, please contact Mr. Chuck Tinsley at (303) 293-1422. He will be able to assist you with permitting the Bennion 1-25A4, and will answer any questions you may have regarding your existing injection wells.

Sincerely,

for Max H. Dodson
Director
Water Management Division

9-18-89 Conv. w/ Gill Hunt – He said that he spo[ke] [w]/ EPA in Denver ... both agreed to treat the Bennion ... existi[ng] ... said that he was going to provi[de] the EPA ... inventory list to satisfy the Nov. 25 1989.

Enclosure

cc: Terry Hadlock
Jess Dullnig

Conv w/ Gill Hunt
Confirmed old agreement at prior well.
Inventory – Is preparing
Inventory?
Was inj. we[ll] prio[r]

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

60-5
November 1983)
Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
APR 06 1989
DIVISION OF OIL, GAS & MINING

1. OIL WELL ☐ GAS WELL ☒ OTHER Disposal Well	5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Pennzoil Exploration and Production Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 2967 Houston, TX 77252	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1476' FNL & 1164' FEL (SE, NE) 43-013-30010	8. FARM OR LEASE NAME E. Bennion
	9. WELL NO. 1-25A4
	10. FIELD AND POOL, OR WILDCAT Altamont
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 25, T1S, R4W
14. PERMIT NO. Cause No. UIC 034	15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6435
12. COUNTY OR PARISH Duchesne	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other) commence disposal of water			X	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Pennzoil plans to commence disposal of produced water into perfs 7478-7772 by 9/1/89 as per approval granted by the State of Utah on 12/20/84 (cause no. UIC 034).

This well was originally converted to a disposal well by Chevron in 1984 but has remained shut-in since that time.

Jess Dullnig
3/20/89

18. I hereby certify that the foregoing is true and correct

SIGNED Ralph A. Will TITLE Supervising Engineer DATE 4-3-89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF
Chevron U.S.A. Inc.
ADDRESS P. O. Box 599
Denver, CO ZIP 80201
INDIVIDUAL ___ PARTNERSHIP ___ CORPORATION X
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE Bennion 1-25A4 WELL
SEC. 25 TWP. 1S RANGE 4W
Duchesne COUNTY, UTAH

CAUSE NO. UIC-034

ENHANCED RECOVERY INJ. WELL ☐
DISPOSAL WELL ☒

APPLICATION

Comes now the applicant and shows the Division the following:
1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name: Bennion	Well No.: 1-25A4	Field: Altamont	County: Duchesne
Location of Enhanced Recovery Injection or Disposal Well: SE¼ NE¼	Sec. 25	Twp. 1S	Rge. 4W
New Well To Be Drilled: Yes ☐ No ☒	Old Well To Be Converted: Yes ☒ No ☐	Casing Test: Yes ☐ No ☒ Date ___	
Depth-Base Lowest Known Fresh Water Within ½ Mile: 3760	Does Injection Zone Contain Oil-Gas-Fresh Water Within ½ Mile: YES ☒ NO ☐	State What: Oil, Gas	
Location of Injection Source(s): Altamont Field	Geologic Name(s) and Depth of Source(s): Green River ± 12,000 Wasatch ± 15,000		
Geologic Name of Injection Zone: Green River	Depth of Injection Interval: 7457 to 7772		
a. Top of the Perforated Interval: 7,457'	b. Base of Fresh Water: 3,760'	c. Intervening Thickness (a minus b): 3,697'	

Is the intervening thickness sufficient to show fresh water will be protected without additional data? (YES) NO

Lithology of Intervening Zones: Shale, Sandstone

Injection Rates and Pressures
Maximum: 4000 B/D
3000 PSI

The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent

State of Colorado)
County of ___)

x R.H. Elliott
Applicant

Before me, the undersigned authority, on this day personally appeared x R. H. ELLIOTT known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Sucribed and sworn to before me this 11th day of Oct, 1983

SEAL

Lois J. Thompson
Notary Public in and for State of Colorado

My commission expires My commission expires July 5, 1987.

My business address is:
... Sheridan Blvd.
Denver, CO 80222

(OVER)

Bennion 1-25A4
Sec. 25, T1S, R4W
Duchesne County, Utah
August 29, 1984

APPLICATION INFORMATION

Below is the required data for the conversion of the Bennion 1-25A4 into a Class II injection well as outlined in Rule I-5 of Cause No. 190-3.

Rule I-5

A. Form DOGM-UIC-1 has been completed.

B. 1. The necessary plat is given in Figures 1 and 2.

2. Form DOGM-UIC-2 has been completed.

3. i, ii, iii, iv, v. A schematic of the present completion of the well is given in Figure 3 and a schematic of the proposed completion of the well prior to injection is given in Figure 4.

vi. The cement bond log indicates a good bond up to 7,442 ft. An additional CBL will be run on the well prior to disposing water. The well will then be perforated and cement squeezed to ensure that the water being disposed does not leak up or down behind the casing. A CBL will then be run to ensure that the cement squeeze was successful.

vii. The Bennion 1-25A4 was drilled as a straight hole. Therefore, bottom hole location is assumed to be approximately the same as surface location.

4. The distance between the top of the proposed disposal zone and the base of the fresh water zone is approximately 3,697 ft. The majority of this interval consists of the Uintah Formation, a predominantly shaly formation which should provide an effective barrier to upward movement of disposed water. In addition, the presence of laterally extensive Green River shale zones above the injection zone make it unlikely the disposed water would be able to enter the USDW.

5. i. The maximum injection pressure and rate expected are 3,000 psi and 4,000 BWPD. The injection system will be equipped with a relief valve on the discharge line which will open up back to the tank if the injection pressure exceeds 3,000 psi. In addition, the Murphy pressure switch on the triplex pump will shut down the pump if the pressure exceeds 3,000 psi.

ii. The source of the injection water is from the Wasatch Formation (±15,000 ft.) and the Green River Formation (±12,000 ft.) located in Altamont Field, Duchesne County, Utah.

iii. The chemical analysis of the water to be injected is given in Figure 5.

iv. The proposed injection zone is in the Green River Formation at a depth of 7,457 feet to 7,772 feet. The injection zone is made up of sandstones and marlstones and has a lateral extent of approximately 9 square miles. The confining zones are made up of shales and sandstones. Some of the shale zones have a lateral extent of at least 25 square miles.

v. The Upper Duchesne River contains fresh water (as indicated by log calculations) which extends from the surface to a maximum of 3,760 ft. deep.

vi. See Rule I-5 (C)

6. In the case of a well failure, the well will be shut-in and repaired as the situation warrants.

7. The results of formations tested are given on Form OGCC-3.

8. The casing/tubing annulus will be pressure tested to 1,000 psi for 15 minutes.

C. The following items are listed to justify exemption of the proposed injection zone as a USDW.

1. It does not currently serve as a source of drinking water.

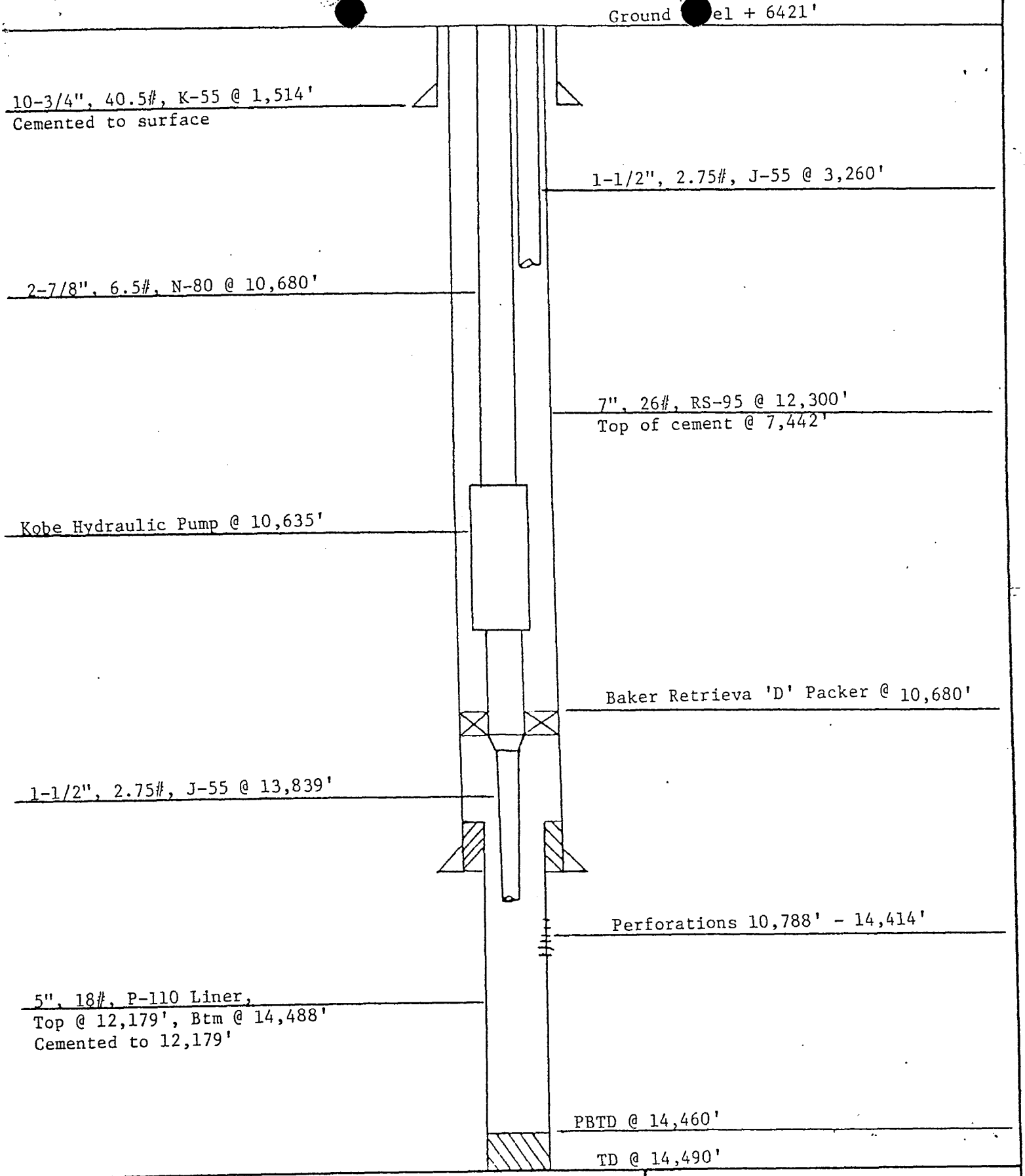
2. It cannot and will not serve as a source of drinking water because:

a. The injection zone is below 7,400 feet deep which make recovery of water for drinking purposes economically impractical.

b. It is likely the water is contaminated because: 1) there are oil and gas shows above, within, and below the proposed zone, and 2) there is a zone with a calculated salinity of 27,000 ppm approximately 300 feet above the proposed injection zone.

c. Log calculations indicate the water salinity varies from 6,000 to 12,000 ppm and it is not reasonably expected to supply a public water system.

The preceding information should satisfy the requirements for the approval of the Blanchard 1-25A4 as a Class II injection well. If there are any further questions, please contact Mr. Phillip Stalnaker at (303) 691-7603.



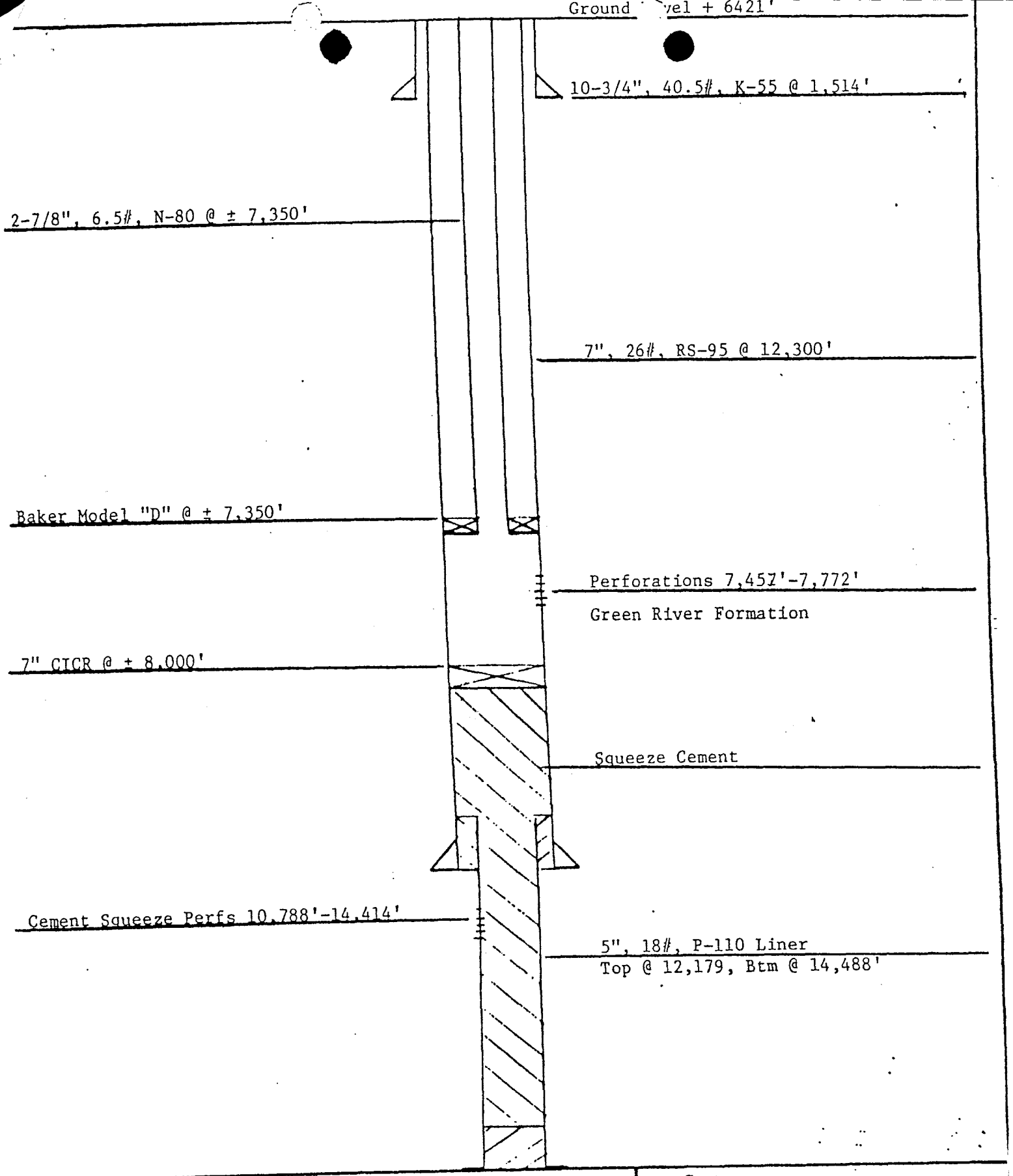
Present Completion

Bennion 1-25A4

Chevron U.S.A. Inc.

Figure 3	
DATE - 08/11/83	SCALE - None

CW-1103 (CDD 2-77)



Proposed Completion

Bennion 1-25A4

Chevron U.S.A. Inc.

Figure 4	
DATE - 8/11/83	SCALE - None

CW-1103 (CDD 2-77)

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

May 26, 1989

Mr. Jess Dullnig
Pennzoil Exploration and Production Company
P.O. Box 290
Neola, Utah 84053

Dear Jess:

Re: Bennion 1-25A4 Saltwater Disposal Well located in Section 25, Township 1 South, Range 4 West, U.S.M., Duchesne County, Utah

In reference to our recent phone conversation and a prior sundry notice dated April 3, 1989 regarding the above-mentioned well, the Division requests that Pennzoil submit the following information before we can proceed with our review.

1. A review of cement tops in the casing string.
2. A skematic of the present and proposed well completion.
3. A discussion of the workover procedure.
4. A statement describing proposed pressure and rate values.

If you have any questions regarding this matter, feel free to call me at (801) 538-5340.

Sincerely,

Daniel J. Jarvis
UIC Geologist

cc: Ralph Williams
AD487/6

an equal opportunity employer

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER Disposal Well

2. NAME OF OPERATOR: Pennzoil Exploration and Production Company

3. ADDRESS OF OPERATOR: P.O. Box 2967, Houston, TX 77252

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1476' FNL and 1164' FEL (SE, NE)

RECEIVED
JUN 16 1989
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Bennion, E.

9. WELL NO.: 1-25A4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25, T1S, R4W

12. COUNTY OR PARISH: Duchesne

13. STATE: UT

14. PERMIT NO. 43-013-30060
Cause No. UIC 034

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6435

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other) Preparations for SW disposal			X	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- RU pulling unit and move packer from 7420' to 7460' (below top of cement at 7442'). Test casing to 1000 psi.

- Run step rate tests into perfs 7478' to 7772' and submit results to the State of Utah, Division of Oil Gas and Mining.

attachments: Wellbore Diagram
Summary of Well History

Jess Dullnig
6/7/89

18. I hereby certify that the foregoing is true and correct

SIGNED Ralph O. Will TITLE Supervising Engineer DATE 6-9-89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

BENNION 1-25A4

Sec. 25, T1S, R4W
Duchesne County, Utah

Date Completed: 10-09-71 (Wasatch Well)
TD : 14,490'
PBTD : 14,460'

CSG: 10-3/4", 40.5#, K-55 @ 1514'
7", 26#, RS-95 @ 12,300' (TOC 7442')
5", 18#, P-110 from 12,179' to 14,488'

TBG: 2-7/8", 6.5#, N-80 @ 7420'
1-1/2", 2.75#, J-55 @ 300'

PACKERS: 7" Baker Pkr @ 7420' (type unknown)
7" Baker RBP @ 7851'
7" Baker Retrieva-"D" @ 10,680'
7" Baker Model "D" @ 11,986'

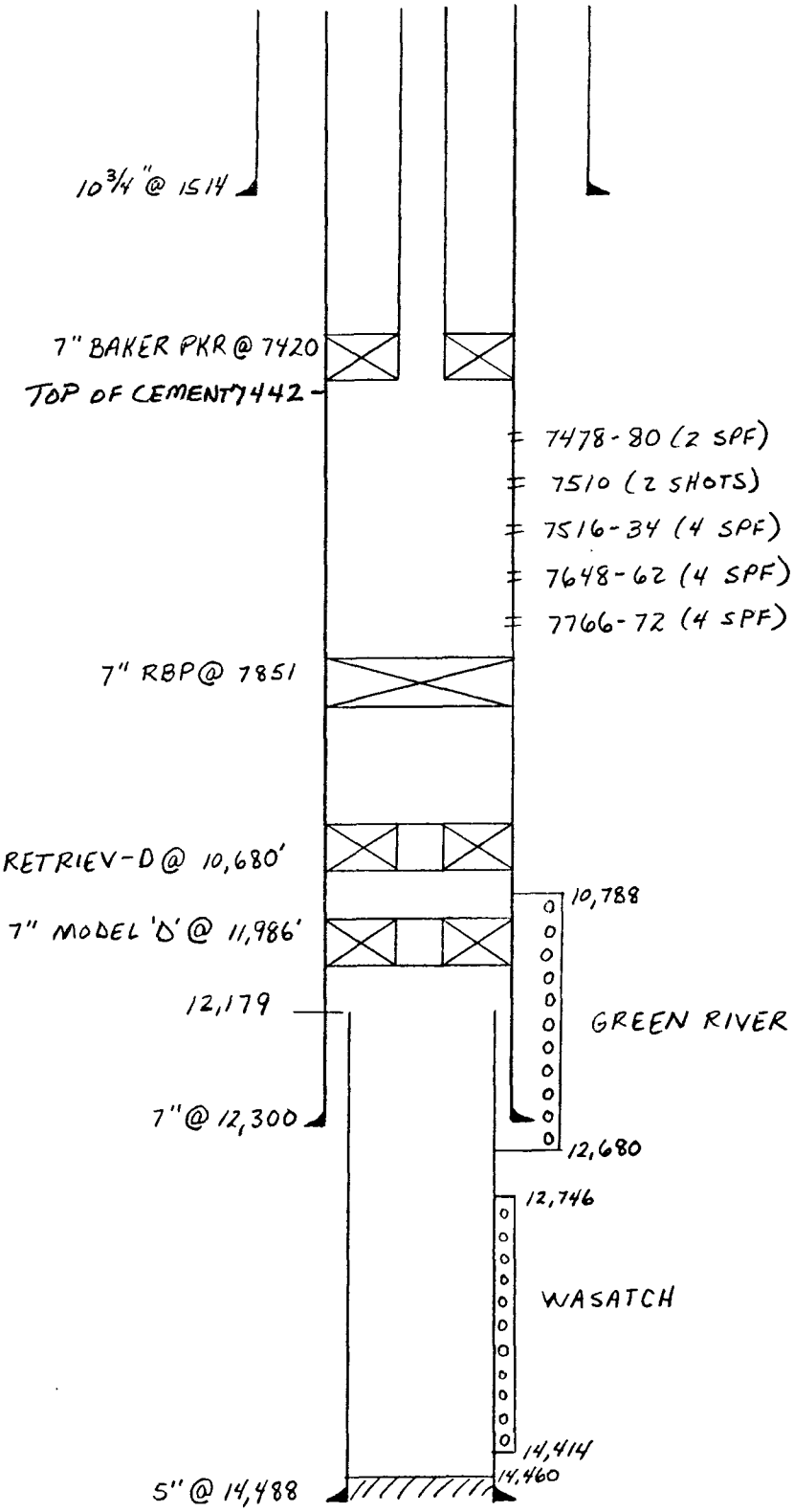
OPEN PERFS: 7478-80, 7510, 7516-34, 7648-62, 7766-72
(Perf 9/84 by Chevron for SWD testing)

WELL HISTORY

01-11-84: Shut well in.
07-25-84: Located csg leak at 4,110 - 4,143'. Did not sq. no inj. test.
09-16-84: Perf 2 holes @ 7,510'. Acidize with 250 gals 15%.
09-20-84: Perf 7,478 - 80', 7524 - 31' (2 SPF). Acidize with 250 gals 15%.
09-22-84: Perf 7,516 - 34', 7,648 - 62', 7,766 - 72' (4 SPF)
09-26-84: Left PKR and RBP in hole as described above. Injection test into perfs 7,478 - 7,772': 2-3 1/2 BPM @ 2300 psi. Left well shut in.

9-27-84 TO 4-14-89 : WELL WAS SHUT-IN, NO WORK WAS DONE.

BENNION 1-25A4



PENNZOIL EXPLORATION AND PRODUCTION COMPANY
PENNZOIL PLACE • P.O. BOX 2967 • HOUSTON, TEXAS 77252-2967 • (713) 546-4000

June 13, 1989

RECEIVED
JUN 16 1989
DIVISION OF
OIL, GAS & MINING

State of Utah Natural Resources Oil Gas & Mining
3 Triad Center, Suite 301
355 West North Temple
Salt Lake City, Utah
Attn: Ronald J. Firth

RE: **Salt Water Disposal Well-Bennion 1-25A4**
Section 25, T1S, R4W
Duchesne County, Utah

Gentlemen:

The above referenced well was approved as a salt water disposal well on December 20, 1984. Attached is a letter of that date approving Cause No. UIC-034.

Following discussions between the Division and Pennzoil it is perceived that the following requirements should be met before initiating water disposal.

- The renotification of the intent to the use of the Bennion 1-24A4 as a water disposal well to the landowners with a 1/2 mile radius of the subject well.

- Filing a notice of intention sundry describing Pennzoil's planned operations necessary to inject water into the subject well. It is noted in the sundry the packer should be moved to 7460' (below cement top) before injection. After injection has been initiated a step rate test will be conducted. Also attached to the sundry is a well bore history and a schematic well bore diagram.

- The republication of this matter in local newspapers.

Attached is the notice of intention sundry for your approval along with a list of landowners who were notified of Pennzoil's intention to dispose of water into the subject well.

Thank you for your cooperation in this matter and please contact George P. SanFilippo or myself at 713-546-4000 if you have any further questions.

Sincerely,

PENNZOIL EXPLORATION AND PRODUCTION COMPANY

Ralph A. Williams
Supervising Engineer-Bluebell/Altamont

RAW/cmf
396RAW

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

June 26, 1989

Mr. Ralph A. Williams
Supervising Engineer - Bluebell/Altamont
Pennzoil Exploration and Production Company
Pennzoil Place, P.O. Box 2967
Houston, Texas 77252-2967

Dear Mr. Williams:

RE: Bennion 1-25A4 Well, Section 25, Township 1 South, Range 4 West, Duchesne County, Utah

The referenced well was approved for conversion to a disposal well on December 20, 1984, pursuant to an application filed with the Division by Chevron U.S.A., Inc. Pennzoil, as the present operator of the well, has submitted a proposal to convert the well for use as a disposal well in accordance with Chevron's previously approved application and the additional proposals as stated in your letter to the Division dated June 13, 1989.

It is the decision of the Division staff that since considerable time has passed since the original approval was issued for this conversion, it will be necessary to re-notice the matter to allow for public comment and/or objection prior to proceeding. Additionally, the staff understands that a casing leak was located in the well from 4,110 to 4143 feet and this will need to be corrected during the workover procedures prior to commencing injection for disposal.

Enclosed for your convenience are copies of the approved application including the proposed well completion schematic. This approved application includes plans for an additional cement bond log and cement squeeze work not mentioned on your sundry notices submitted to date.

Also, your letter sundry notices dated June 13, 1989, mentioned an attached list of landowners to whom notice of Pennzoil's plans for the well was sent. This list was not included in the letter we received. Please provide us with another copy of the list. The Division will proceed with the necessary noticing when the list is received and will approve Pennzoil's request to convert the well to disposal if no objections are received within fifteen days after publication.

Should you have any questions concerning this procedure or the application, please call.

Sincerely,

Gil Hunt
UIC Program Manager

tlc
cc: R.J. Firth
UIC1/119-120

Town of Altamont
P.O. Box 57
Altamont, Utah 84001

RECEIVED
JUL 07 1989
DIVISION OF
OIL, GAS & MINING

July 1, 1989

Dianne Nielson
Director of Oil, Gas & Mining
3 Triad Center - Suite 350
Salt Lake City, Utah 84180

Dear Ms. Nielson:

Recently we become aware that Pennzoil is planning to convert an existing oil well, located in the SE¼ NE¼ of Sec. 25, T1S, R4W, USB &M (Bennion) into an injection well. We are protesting this action because the Town of Altamont has culinary water wells located in the SE¼ SW¼ of Sec. 25, and NW¼ NW¼ of Sec. 36, T1S, R4W, USB & M. We are concerned the proposed action of Pennzoil will threaten the quality of our culinary water supplies.

We are aware that public announcement has not been made of the above action, therefore, will you please keep us advised as to the status of the application. In a telephone conversation on June 27 between Larry Meise of your office and Dale Hanberg of the Town of Altamont, Mr. Meise agreed to write a letter informing us prior to you approving the application.

We look forward to hearing from you.

Sincerely,

DeLaine Tidwell

Delaine Tidwell
Mayor of Altamont

PENNZOIL EXPLORATION AND PRODUCTION COMPANY
PENNZOIL PLACE • P.O. BOX 2967 • HOUSTON, TEXAS 77252-2967 • (713) 546-4000

RECEIVED
JUL 12 1989
DIVISION OF
OIL, GAS & MINING

July 6, 1989

State of Utah Natural Resources Oil Gas & Mining
3 Triad Center, Suite 301
355 West North Temple
Salt Lake City, Utah
Attn: Ronald J. Firth

RE: **Salt Water Disposal Well-Bennion 1-25A4**
Section 25, T1S, R4W
Duchesne County, Utah

Gentlemen:

Enclosed please find a copy of the list of landowners who were notified of Pennzoil's intention to dispose of water into the subject well and a revised Notice of Intention Sundry.

Please contact me at 713-546-8190 if you have any questions or if additional information is needed.

Sincerely,

PENNZOIL EXPLORATION AND PRODUCTION COMPANY

Ralph A. Williams
Supervising Engineer - Bluebell/Altamont

RAW/cmf
408RAW

100 YEARS OF QUALITY
PENNZOIL

Linmar
1670 Broadway, Suite 3025
Denver, CO 80202

The Ute Tribe
c/o Ronald Chohamin
P.O. Box 190
Fort Duchesne, Utah 84026

Betty Mitchell
Box 186
Altamont, UT 84001

Myra Lorene Taylor
Altamont, UT 84001

Kent Dastrup
Box 111
Altamont, UT 84001

Lynn Ray Hansen
Altamont, UT 84001

G. Lanar Lamb
Altonah, UT 84002

Layman L. Neff
Box 151
Loma, UT 84524

Danny W. Miles
1664 South 300 East
Springville, UT 84663

George E. Fisher, Jr.
Altonah, UT 84002

Harry Fieldsted
Mountain Home, UT 84051

Daniel W. Thacker
Box 83
Altamont, UT 84001

Kenneth C. LaRose
Altamont, Tyah 84001

Boyd Thacker
Altamont, UT 84001

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

8

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER Disposal Well	5. LEASE DESIGNATION AND SERIAL NO. FEE
2. NAME OF OPERATOR Pennzoil Exploration and Production Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 2967, Houston, TX 77252	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1476' FNL and 1164' FEL (SE, NE)	8. FARM OR LEASE NAME Bennion, E
	9. WELL NO. 1-25A4
	10. FIELD AND POOL, OR WILDCAT Altamont
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 25, T1S, R4W
14. PERMIT NO. Cause No. UIC 034	15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6435
	12. COUNTY OR PARISH Duchesne
	13. STATE UT

RECEIVED
JUL 12 1989
DIVISION OF OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other) preparations for SW disposal	X			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RU pulling unit. POOH w/2-7/8" tubing and packer
Run cement bond log from 8000' to surface
Perforate 7" casing at 7000'. Cement squeeze per injection rate.
Isolate casing leak at approximately 4110-4143'. Cement squeeze per injection rate.
Clean out cement and test 7" casing to 1000 psi. Run cement bond log
Run step rate tests into perfs 7478' to 7772' and submit results to the State of Utah, Division of Oil Gas and Mining.

Revised 7/6/89

*APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 8-28-89
BY: [signature]

*The Division shall be notified prior to performing cementing work, pressure testing, and step rate testing.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Supervising Engineer DATE 7-10-89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

July 13, 1989

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Gentlemen:

Re: Cause No. UIC-034-1

Enclosed is a Notice Action before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible, but no later than the 26th day of July, 1989. In the event that said notice cannot be published by this date, please notify me immediately by calling 538-5340.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City Utah 84180-1203

Sincerely,

Barbara L. Dumas

Barbara Dumas
Office Technician

bd
Enclosure
UI2/6

an equal opportunity employer

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

July 13, 1989

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Gentlemen:

Re: Cause No. UIC-034-1

Enclosed is a Notice Action before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible, but no later than the 26th day of July, 1989. In the event that said notice cannot be published by this date, please notify me immediately by calling 538-5340.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City Utah 84180-1203

Sincerely,

Barbara Dumas

Barbara Dumas
Office Technician

bd
Enclosure
UI2/6

an equal opportunity employer

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---oo0oo---

IN THE MATTER OF THE APPLICATION OF PENNZOIL EXPLORATION AND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL TO CONVERT THE BENNION 1-25A4 WELL LOCATED IN SECTION 25, TOWNSHIP 1 SOUTH, RANGE 4 WEST, UB & M DUCHESNE COUNTY, UTAH, TO A CLASS II INJECTION WELL	:	NOTICE OF AGENCY ACTION CAUSE NO. UIC-034-1

---oo0oo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Pennzoil Exploration and Production Company for administrative approval to convert the Bennion 1-25A4 well, located in Section 25, Township 1 South, Range 4 West, UB & M, Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted according to the provisions of the Administrative Procedures rules, R615-10.

The operating data for the well is as follows:

Injection Interval: Green River Formation, 7478' to 7772'
Maximum Injection Rate/Surface Pressure: To be determined after testing

Administrative approval of this application will be granted unless an objection is filed within fifteen days after publication of this notice by any person authorized to participate as a party in this adjudicative proceeding. If an objection is received by the Division, a formal adjudicative proceeding will be scheduled before the Board of Oil, Gas and Mining.

DATED this 13th day of July, 1989

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

R. J. Firth
Associate Director, Oil and Gas

Publications sent to the following

Pennzoil Exploration and Production
P. O. Box 2967
Houston, Texas 77252-2967

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, UT 84110

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Barbara L. Dumas
Barbara Dumas
Oil and Gas Technician
July 13, 1989

143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation
AGENT
The Salt Lake Tribune — MORNING & SUNDAY
DESERET NEWS — EVENING & SUNDAY

Affidavit of Publication

STATE OF UTAH. }
County of Salt Lake } ss.

I Don Anderson Hereby certify that the attached advertisement of NOTICE OF AGENCY ACTIONCAUSE NO. UIC-034-1 for DIV OF OIL, GAS & MIN was published by the NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE and DESERET NEWS, daily newspapers printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County in the State of Utah.

PUBLISHED ON JUL 21 1989

SUBSCRIBED AND SWORN TO BEFORE ME THIS 22ND DAY OF JULY 1989

NOTARY PUBLIC

MAY 27 1990

COMMISSION EXPIRES

RESIDING IN SALT LAKE COUNTY

[illegible]

Procedures rules, R615-10.

The operating data for the well is as follows:

Injection Interval: Green River Formation, 7478' to 7772'

Maximum Injection Rate/Surface Pressure: To be determined after testing

Administrative approval of this application will be granted unless an objection is filed within fifteen days after publication of this notice by any person authorized to participate as a party in this adjudicative proceeding. If an objection is received by the Division, a formal adjudicative proceding will be scheduled before the Board of Oil, Gas and Mining.

DATED this 13th day of July, 1989.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
/s/ R. J. Firth
Associate Director, Oil & Gas
C-30

LEGAL ADVERTISING INVOICE

ACCOUNT NAME	AD NUMBER	TELEPHONE
OIL, GAS & MIN	C-30	801-538-5340

SCHEDULE	MISC. CHARGES
C JUL 21 1989	.00

...TION	SIZE	TIMES	RATE	AD CHARGE
NOTICE OF AGENCY ACTIONCAUSE	62 LINES	1	1.42	88.04

DUE AND PAYABLE ON RECEIPT OF THIS INVOICE
FOR BILLING INFORMATION CALL 801-237-2796

TOTAL AMOUNT DUE 88.04

TO INSURE PROPER CREDIT

PLEASE RETURN THIS PORTION

WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE
MAKE CHECKS PAYBLE TO:
NEWSPAPER AGENCY CORPORATION
(PLEASE WRITE YOUR ACCOUNT NUMBER ON YOUR CHECK)

BILL TO:

DIV OF OIL, GAS & MIN
355 W NO TEMPLE #350
3 TRIAD CENTER
SLC, UT 84180

ACCOUNT NUMBER	BILLING DATE
LE-5385340	07/22/89
AD NUMBER	**PAY THIS AMOUNT**
C-30	88.04

070355636000000000000000000008804 1814667471111111111111111111119915

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

July 21, 1989

Ms. Delaine Tidwell, Mayor
Town of Altamont
P.O. Box 57
Altamont, Utah 84001

Dear Ms. Tidewell:

RE: Cause No. UIC-034-1, Application of Pennzoil for Class II Injection Well, Bennion 1-25A4 Well, Section 25, Township 1 South, Range 4 West, Duchesne County, Utah.

Enclosed is a copy of the Notice of Agency Action issued for the above referenced application which you expressed concerns about in your letter of July 1, 1989. There will be a fifteen day comment/objection period following the publication of this notice in the appropriate newspapers.

Approval for conversion of the Bennion 1-25A4 to a produced water disposal well was previously issued by the Division to Chevron, USA, Inc. on December 20, 1984. Subsequently, Chevron sold the well to Pennzoil and the necessary work to convert the well was never completed by Chevron. Pennzoil has made application to the Division for approval to convert the well to a disposal well in accordance with Chevron's previously approved plan.

The Division supports this conversion and subsequent use of the well for produced water disposal for the following reasons:

1. The proposed injection interval is much deeper than the intervals currently being used in other disposal wells in the area which have been in use for many years. The use of this deeper interval will provide additional protection of fresh water aquifers in the area, some of which are being used for town water supply.

2. Also, by using this disposal well, use of the shallower disposal wells in the area could be discontinued or the volume of produced water injected into those wells could be decreased appreciably. This procedure would also increase the protection of fresh water aquifers from contamination.

3. Pressure testing and logging will be performed to ensure integrity of the casing and cement, and injection tests will be conducted to establish the maximum allowable injection pressure, thus the well will be safe for injection.

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Your letter of July 1, 1989 referenced a telephone conversation on June 27, 1989 between Larry Meise of our office and Dale Hanberg of the Town of Altamont. The Division does not have a Mr. Meise in our office, therefore we are unaware of the agreement for a written response regarding the application approval. However, you will be fully informed regarding this matter prior to any approval action by the Division.

If you would like additional information and/or would like to discuss this matter further, please call me at 538-5340.

Sincerely,

Gil Hunt
UIC Program Manager

tlc
cc: Pennzoil Exploration & Production Co.
D. R. Nielson
R. J. Firth
Enclosure

Town of Altamont
P.O. Box 57
Altamont, Utah 84001

RECEIVED
JUL 31 1989
DIVISION OF
OIL, GAS & MINING

July 25, 1989

R. J. Firth
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center Suite 350
Salt Lake City, Utah 84180

Dear Mr. Firth:

As of this date the Town of Altamont is officially protesting the application of Pennzoil Exploration & Production Company's proposal to convert the Bennion 1-25-A4 well, located in Section 25, Township 1 South, Range 4 West, Duchesne County, Utah for conversion to a Class II injection well.

The reason for this protest is because energy companies in this area, and agencies of the State of Utah (The Division of Oil, Gas and Mining, The Division of Pollution and Water Control) have not in good faith demonstrated they are willing to maintain the quality and integrity of water resources of the State of Utah.

Sincerely,

DeLaine Tidwell

Delaine Tidwell
Mayor of Altamont

RECEIVED
SEP 13 1989
DIVISION OF
OIL, GAS & MINING

Town of Altamont
P.O. Box 57
Altamont, Utah 84001

September 8, 1989

Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Sirs:

Thank you for the opportunity of expressing our views in the public meeting dated August 24, 1989 concerning the proposed Bennion injection well near Altamont, Utah.

At that hearing the Division of Oil, Gas and Mining went on record as favoring the proposed injection well and Altamont Town and the Ute Indian Tribe went on record opposing the action. The board did not make a ruling at the meeting but stated they would take the comments under advisement.

At this date Altamont Town still strongly opposses the action because Pennzoil and the Division of Oil, Gas and Mining could not satisfy us that the proposed action is technically safe. Altamont Town operates three wells located with-in one mile radius of the proposed injection well which they use for culinary water. There are also about fifty other wells owned by individuals within three miles of the injection well. To replace these culinary water supplies would cost millions of dollars. We can't allow our culinary water supplies to be contaminated.

We have laboratory analysis of production water which contain BXT's and other hazardous chemicals. We have also been told by the Division of Oil, Gas and Mining that radioactive materials are injected into the wells at times to detect leaks in the wells casings. We believe that pressure leaks allowing production water to pass through the tubing and casing walls into ground water aquafers are not only possible, but almost certain to occur.

Even if the casing and tubing remain mechanically sound and production water is injected into the formation at about 7,400 feet depth we still anticipate problems. Oil bearing formations are saturated with highly mineralized water (production water) therefore, the pore space in the formation is already full. When more water is injected into the formation at pressures of 3000 - 6000 PSI it must force the existing water into other zones of lesser pressure. Pressure and density also increase from the earths surface toward the center. Therefore, the zone of lesser pressure is toward the outer surface of the earth where fresh water aquafers are located.

If the Board of the Division of Oil, Gas and Mining does approve the application of Pennzoil to install an injection well or take any action to dispose of production water in the Altamont area we believe the State of Utah and the Oil Company should be responsible for that action. If the State and Oil Company believe their action is technically sound it would be reasonablyfor them to assume the following responsibilities:

1. All water wells in the area should be tested for purity before production water is injected into the proposed injection or action. These tests should be thorough and should include BXT's, radiation, total checmicals, oil and grease and hydrocarbins at the PPB level.

2. If any culinary water in the Altamont area become contaminated in the future the State and Oil Company will assume responsibility for the proof of burden. This would include providing funds to the Town of Altamont and other impacted people sufficient to hire independant legal and professional technicians and equipment to perform the investigation.

3. If the culinary water supplies are contaminated by the proposed actions the State and Oil Company will assume the full cost of replacing the culinary water supplies satisfactory to the Town of Altamont and other impacted people. This includes providing water to the people and the town at a cost not to exceed current monthly rates of the Town of Altamont at the time the pollution is detected.

4. If any pollution to culinary water supplies occur corrective action will begin within thirty days after notice has been given to the State from Altamont Town and corrective measures will be started and completed on a time schedule reasonable to the Town of Altamont and local people.

5. Any other costs or inconvenience to the local people and Altamont Town will be paid by the State and Oil Company as a result of contamination from the approved action.

Sincerely,

DeLaine Tidwell

DeLaine Tidwell
Mayor of Altamont

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

September 28, 1989

Mr. Ralph Williams
Pennzoil Exploration and Production Company
P.O. Box 2967
Houston, Texas 77252

Dear Mr. Williams:

Re: Bennion 1-25A4 Injection Well, Sec. 25, Township 1 South, Range 4 West, Duchesne County, Utah

As you requested, enclosed are copies of the Division's approval letters and the correspondence from Chevron concerning the referenced well. This information indicates that the procedures for conversion of the well for disposal were commenced long before November 25, 1988, the date when EPA's program became effective.

Chevron began work to convert this well in September 1984. This was apparently about the same time they decided to sell their properties in the Altamont/Bluebell Area. After removing production equipment from the well, setting a bridge plug, perforating the injection interval, swabbing, then injecting an unknown volume, the well was shutin pending the sale.

If I can be of further assistance in this matter, please contact me.

Sincerely,

Gil Hunt
UIC Manager

ldc
Enclosures
cc: Dianne Nielson, DOGM
Barbara Roberts, Assistant Attorney General
UI1/138

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BENNION 1-25A4

Sec. 25, T1S, R4W
Duchesne County, Utah

Date Completed: 10-09-71 (Wasatch Well)
TD : 14,490'
PBTD : 14,460'

CSG: 10-3/4", 40.5#, K-55 @ 1514'
7", 26#, RS-95 @ 12,300' (TOC 7442')
5", 18#, P-110 from 12,179' to 14,488'

TBG: 2-7/8", 6.5#, N-80 @ 7420'
1-1/2", 2.75#, J-55 @ 300'

PACKERS: 7" Baker Pkr @ 7420' (type unknown)
7" Baker RBP @ 7851'
7" Baker Retrieva-"D" @ 10,680'
7" Baker Model "D" @ 11,986'

OPEN PERFS: 7478-80, 7510, 7516-34, 7648-62, 7766-72
(Perf 9/84 by Chevron for SWD testing)

WELL HISTORY

01-11-84: Shut well in.
07-25-84: Located csg leak at 4,110 - 4,143'. Did not sq. no inj. test.
09-16-84: Perf 2 holes @ 7,510'. Acidize with 250 gals 15%.
09-20-84: Perf 7,478 - 80', 7524 - 31' (2 SPF). Acidize with 250 gals 15%.
09-22-84: Perf 7,516 - 34', 7,648 - 62', 7,766 - 72' (4 SPF)
09-26-84: Left PKR and RBP in hole as described above. Injection test into perfs 7,478 - 7,772': 2-3 1/2 BPM @ 2300 psi. Left well shut in.

9-27-84 TO 4-14-89 : WELL WAS SHUT-IN, NO WORK WAS DONE.

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

October 3, 1989

Mr. Max H. Dodson
U.S. Environmental Protection Agency
Region VIII
999 18th Street - Suite 500
Denver, Colorado 80202-2405

Dear Mr. Dodson:

Re: EPA Notice of Noncompliance Bennion 1-25A4

Attached is information from the Division's UIC files concerning the approval of the above-referenced disposal well. As Gil Hunt of this office has explained to Tom Pike, this disposal well has been previously approved by the Division. Because completion of the conversion was delayed, the Division renoticed the intent to proceed with the work.

This information is being provided to clarify the permitted status of the well. The Division objects to your claim of jurisdiction regardless of land or mineral ownership within the reservation. The definition of Indian Country (18 USC Section 1511) includes:

> "All land within the limits of any Indian reservation under the jurisdiction of the United States government," (emphasis added)

At a minimum, fee and state lands, including the fee land associated with Bennion 1-25A4 well, are not under the jurisdiction of the United States government. Furthermore, the state UIC program

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has jurisdiction over that well. Any further actions by EPA to directly regulate UIC Class II operations on fee and state lands will be considered a violation of the state/EPA primacy agreement and may result in legal action.

Best regards,

Dianne R. Nielson

Dianne R. Nielson
Director

ksg
Attachments
cc: M. Yoder
T. Pike
G. Hunt
R. Firth
P. Smith
B. Roberts
AD539/67-68

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET SUITE 500
DENVER, COLORADO 80202-2405

OCT 6 1989

Ref: 8WM-DW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. George SanFilippo
Western Production Manager
Pennzoil Exploration and Production Company
Post Office Box 2967
Houston, Texas 77252

RE: Rule Authorization
Bennion 1-25A4

Dear Mr. SanFilippo:

After reviewing information provided by your office, and by the State of Utah, we have determined that the above referenced salt water disposal well in Duchesne County, Utah, is "rule-authorized." This determination is made on the grounds that the well was used for injection prior to November 25, 1988. As you will recall, November 25, 1988, is the effective date of the Environmental Protection Agency (EPA) Underground Injection Control (UIC) Program on the Uinta-Ouray Indian Reservation.

Rule-authorized salt water disposal wells are required to apply for UIC permits within five years. EPA will establish a schedule for you to submit a permit application for the well, and you will be notified in writing of this due date. You are not required to submit a permit application for the Bennion 1-25A4 well at this time.

Inventory information is due for all of your existing salt water disposal and enhanced recovery injection wells on the Uinta-Ouray Indian Reservation by November 25, 1989. If the inventory information is not provided by this due date, authorization to inject is terminated, and a permit(s) will be required to resume use of the well(s).

1/2

If you have any questions regarding injection operations on the Uinta-Ouray Indian Reservation, please contact Mr. Chuck Tinsley at (303) 293-1422.

Sincerely,

Max H. Dodson
Director
Water Management Division

cc: Terry Hadlock
Jess Dullnig
The Ute Indian Tribe

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

October 6, 1989

Mr. Ralph Williams
Pennzoil Exploration and Production Company
Pennzoil Place
P.O. Box 2967
Houston, Texas 77252-2967

Dear Mr. Williams:

Re: Cause No. UIC-034-1, Bennion 1-25A4 Class II Injection Well, Sec. 25, T1S, R4W, Duchesne County, Utah

Administrative approval to convert the referenced well to a Class II injection well was granted on December 20, 1984. The administrative approval was issued to Chevron U.S.A., Inc. following proper notice in Cause no. UIC-034. Prior to approving the transfer of the authority to inject to Pennzoil, the division issued notice in Cause no. UIC-034-1 and a public hearing was held by the Board of Oil, Gas and Mining on August 24, 1989. Following the hearing, the Board issued its order approving the Bennion 1-25A4 well as a Class II injection well for use as a water disposal well.

Representatives of the Town of Altamont have suggested that it would be appropriate to sample water wells in the vicinity of the injection well to establish baseline water quality. The division concurs. Pennzoil should contact the division for assistance in determining which wells it will be necessary to sample. This sampling should be conducted prior to commencing disposal.

Additionally, Pennzoil should conduct a radioactive tracer survey on the Bennion 1-25A4 well following approximately six (6) months of water injection operations.

Work on the referenced well should proceed as outlined in the approved application, subsequent sundry notices, or procedures as discussed with Division staff. The Division should be notified prior to conducting cementing work, pressure testing and step rate testing in order to allow for witnessing of these procedures.

Best regards,

Dianne R. Nielson
Director

GLH/ldc
cc: R.J. Firth
OI91/17

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Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

October 6, 1989

Ms. DeLaine Tidwell
Mayor
Town of Altamont
P.O. Box 57
Altamont, Utah 84001

Dear Ms. Tidwell:

In response to recent concerns voiced by representatives of the Town of Altamont concerning underground injection, I would like to meet with you and members of your town council. The purpose of this meeting would be to present to you information about underground injection operations in general, and also discuss injection activities in your area.

The fact that Altamont is located within an active producing oil field makes it necessary to become familiar with many procedures and activities associated with oil production. If you approve, I would like to take this opportunity to make a presentation starting with a video tape which gives a good introduction to the subject of underground injection. This could be followed with a discussion of injection in the Altamont area and other related topics of your choice.

As the agency administering the Underground Injection Control Program in Utah we try to be responsive to the needs of local residents as well as industry and the state.

If this proposal meets your approval, please provide possible date(s) on which I could come to Altamont. I look forward to hearing from you.

Sincerely,

Gil Hunt
UIC Program Manager

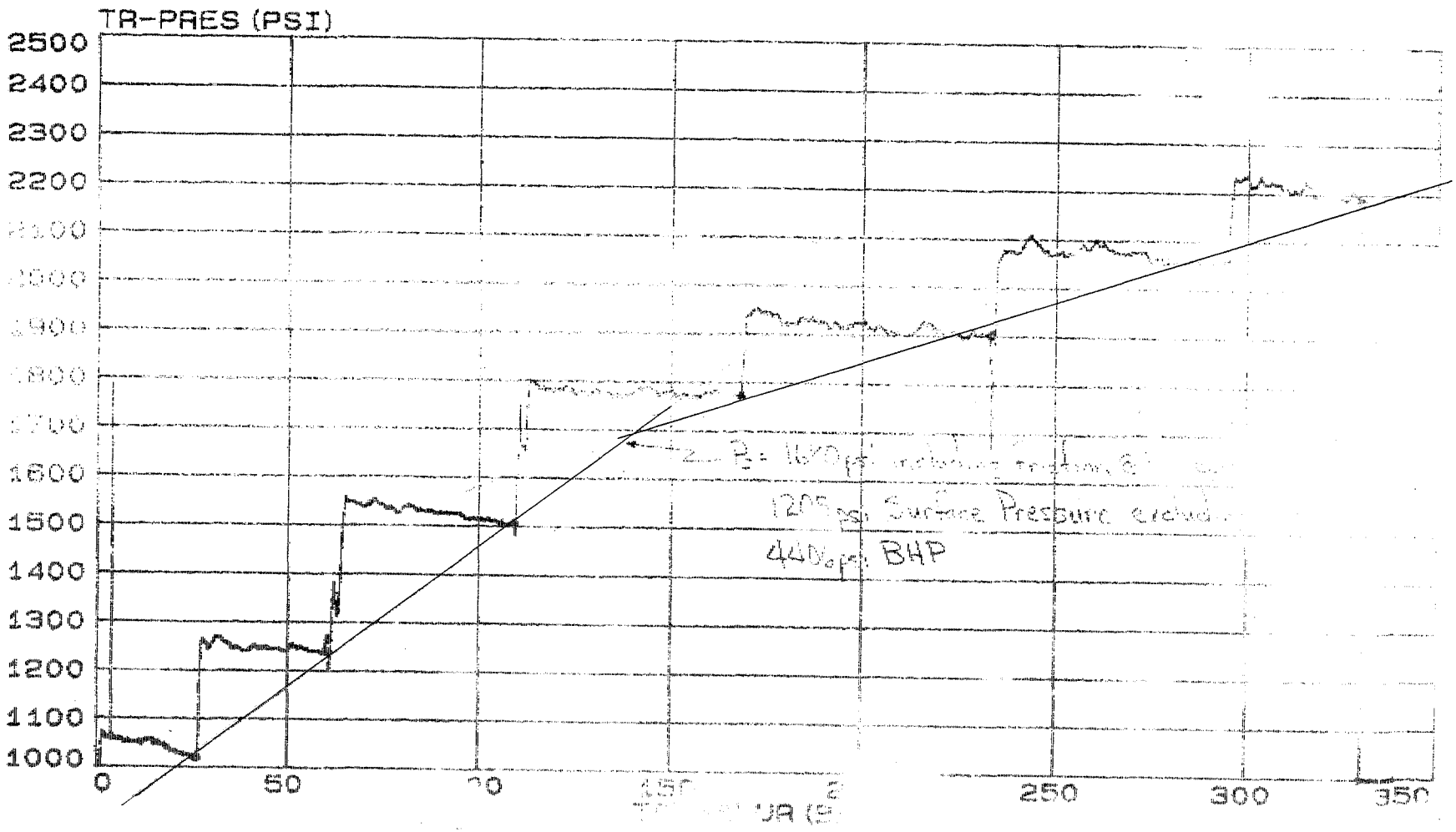
ldc
cc: D.R. Nielson
R.J. Firth
OI91/18

an equal opportunity employer

PacTEC*
Pumping Parameter Recorder

TREATMENT
06 Nov

Number: PENNZOIL
Well Name: BENNION 1-25
District: VUT

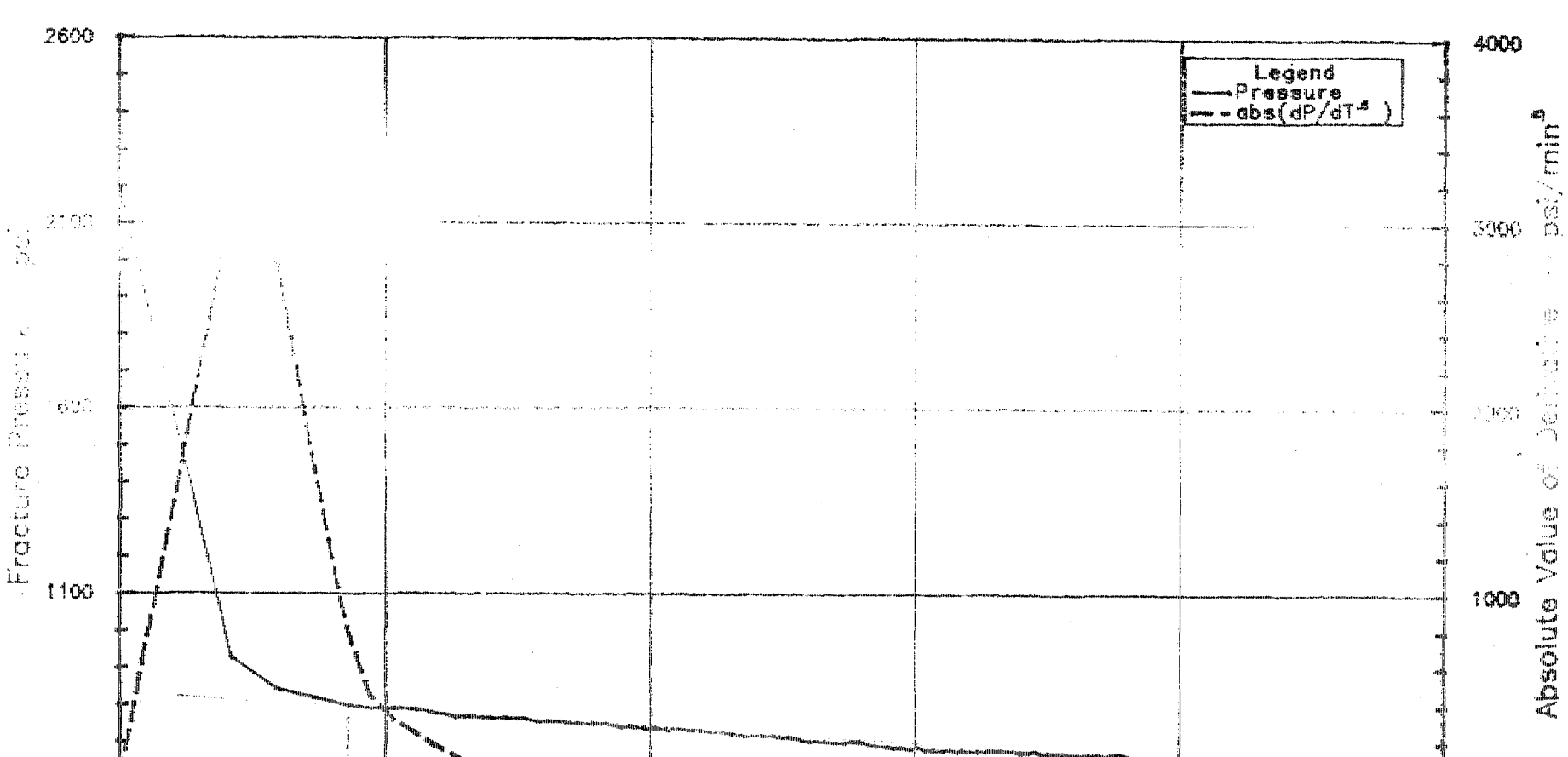


*Trademark and Service Mark of Dowell Schlumberger

FracCADE*

Square Root of Time

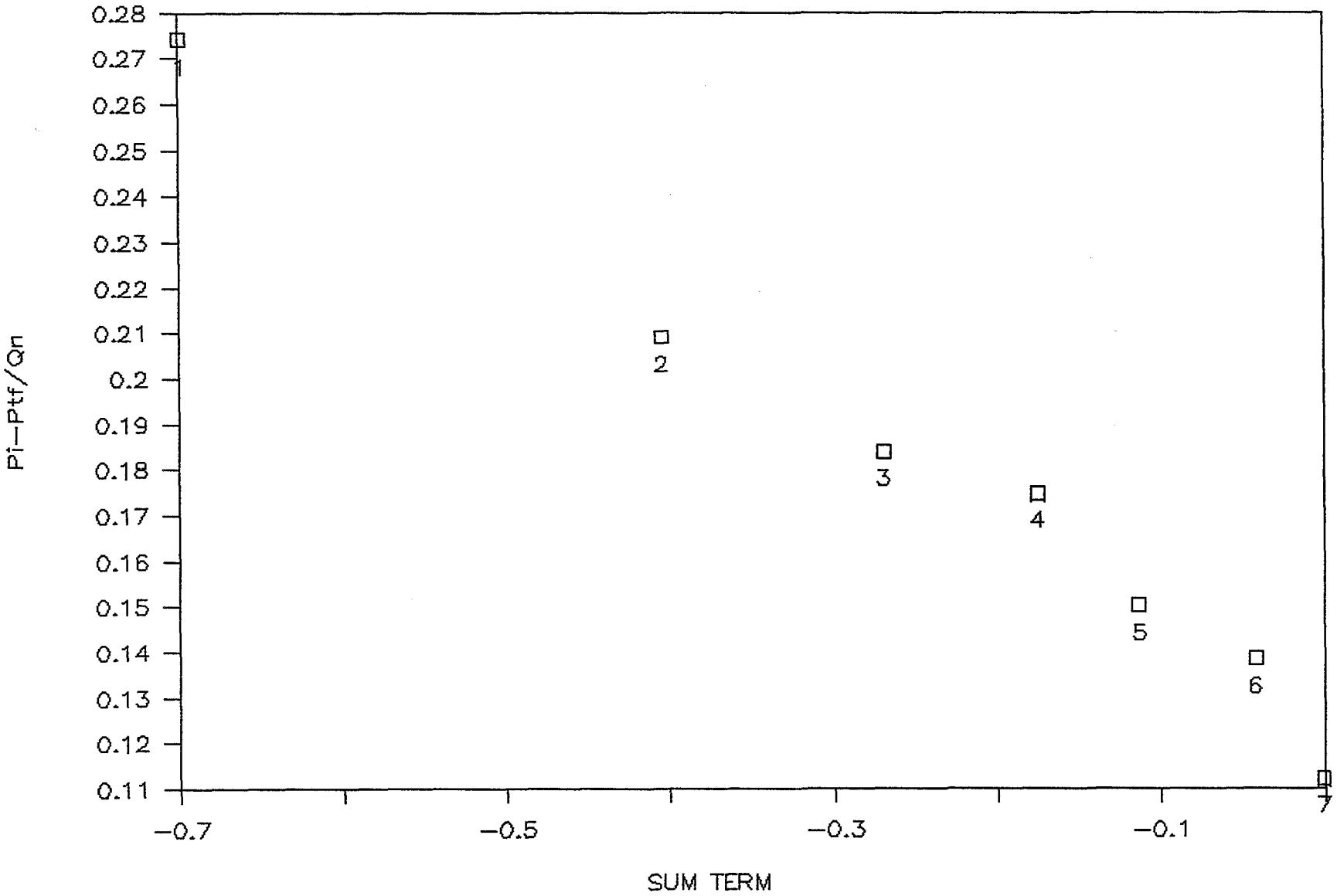
PENNZOIL E & P
BENNION 1-25A4
bennion
NOVEMBER 7, 1989



* Trademark and Service Mark of Dowell Schlumberger

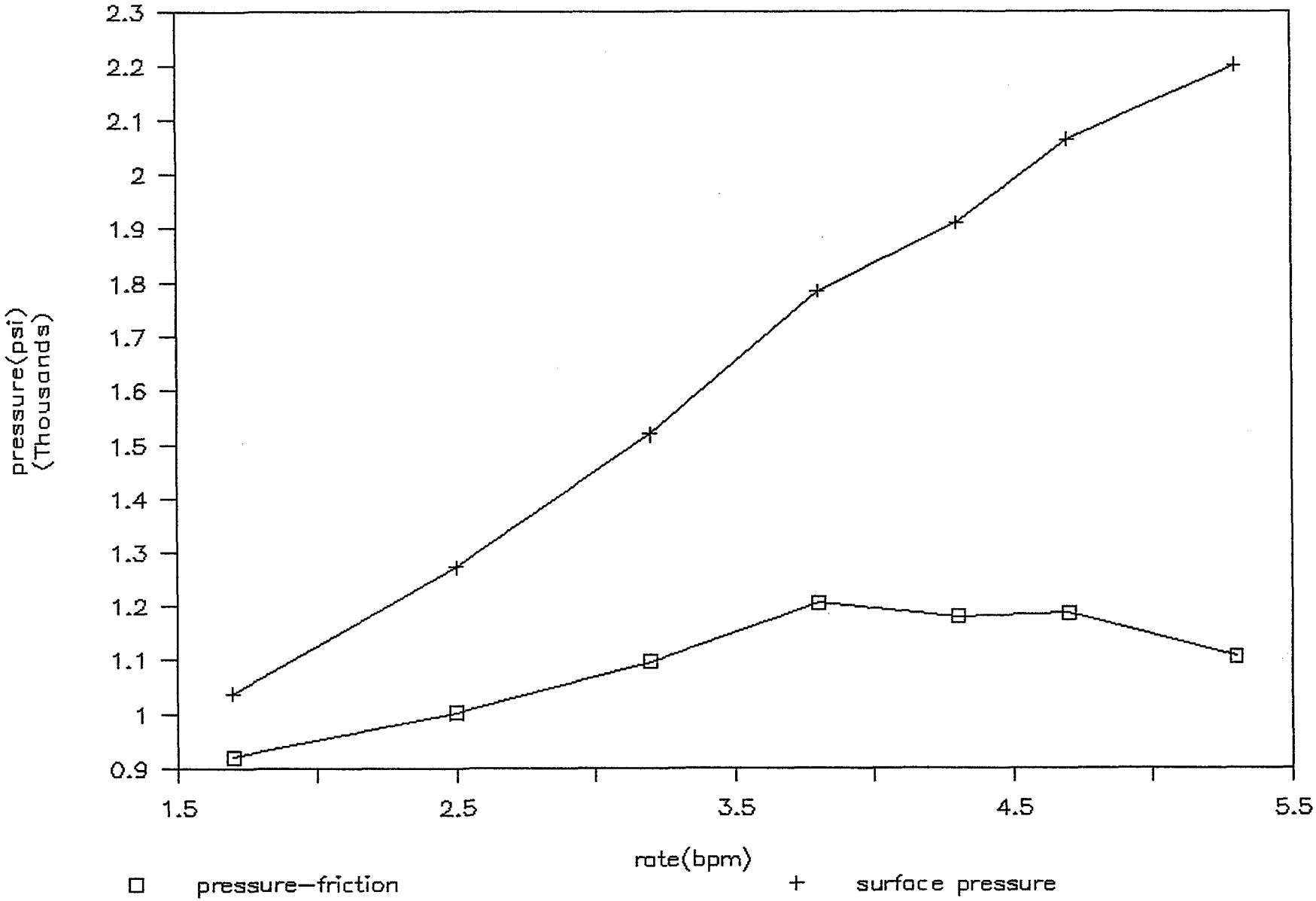
PENNZOIL

BENNION 1-25A4 STEP-RATE TEST



PENNZOIL

BENNION 1-25A4 STEP-RATE TEST



NUMBER	TIME	Q	Ptf(psi)	đ TERM	DELTA PSI
0	0.00	0	250		
1	0.25	-576	830	-0.60195	1.00694
2	0.50	-1584	925	-0.49251	0.42614
3	0.70	-2448	921	-0.42586	0.27410
4	0.97	-3600	1003	-0.30267	0.20917
5	1.23	-4608	1097	-0.21318	0.18381
6	1.48	-5472	1206	-0.13852	0.17471
7	1.70	-6192	1180	-0.08570	0.15019
8	1.93	-6768	1187	-0.02063	0.13845
9	2.18	-7632	1106	0.01605	0.11216

cc: Board
DR Nielson
RJ Firth
[redacted]
UIC File

Town of Altamont
P.O. Box 57
Altamont, Utah 84001

RECEIVED
DEC 19 1989
DIVISION OF
OIL, GAS & MINING

December 4, 1989

Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Sirs:

Thank you for the opportunity to meet with two representives from your office concerning the proposed Bennion injection well near Altamont, Utah.

At this date Altamont Town still strongly opposses the injection well. Even if the casing and tubing remain mechanically sound and production water is injected into the formation at about 7,400 feet depth we still anticipate problems. Oil bearing formations are saturated with highly mineralized water (production water) therefore, the pore space in the formation is already full. When more water is injected into the formation at pressures of 3000 - 6000 PSI it must force the existing water into other zones of lesser pressure. Pressure and density also increases from the earths surface toward the center. Therefore, the zone of lesser pressure is toward the outer surface of the earth where fresh water aquafers are located.

If the Board of the Division of Oil, Gas and Mining and Pennzoil insists on installing the injection well they should be willing to assume the following responsibilities:

1. All water wells in the area should be tested for purity before production water is injected into the proposed injection or action. These tests should be through and should include BXT's, radiation, total chemicals, oil and grease and hydrocarbins at the PPB level.

2. If any culinary water in the Altamont area become contaminated in the future the State and Oil Company will assume responsibility for the proof of burden. This would include providing funds to the Town of Altamont and other impacted people sufficient to hire independant legal and professional technicians and equipment to perform the investigation.

3. If the culinary water supplies are contaminated by the proposed actions the State and Oil Company will assume the full cost of replacing the culinary water supplies satisfactory to the Town of Altamont and other impacted people. This includes providing water to the people and the town at a cost not to exceed current monthly rates of the Town of Altamont at the time the pollution is detected.

4. If any pollution to culinary water supplies occur corrective action will begin within thirty days after notice has been given to the State from Altamont Town and corrective measures will be started and completed on a time schedule reasonable to the Town of Altamont and local people.

5. Any other costs or inconvenience to the local people and Altamont Town will be paid by the State and Oil Company as a result of contamination from the approved action.

Sincerely,

De Laine Tidwell

Delaine Tidwell
Mayor of Altamont

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
DEC 26 1989
DIVISION OF OIL, GAS & MINING

1. OIL WELL ☐ GAS WELL ☐ OTHER Disposal Well	5. LEASE DESIGNATION AND SERIAL NO.: FEE
2. NAME OF OPERATOR: Pennzoil Exploration and Production Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 2967, Houston, TX 77252	7. UNIT AGREEMENT NAME:
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1476' FNL & 1164' FEL (SENE)	8. FARM OR LEASE NAME: E. Bennion
	9. WELL NO.: 1-25A4
	10. FIELD AND POOL, OR WILDCAT: Altamont/Green River
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25, T1S, R4W
14. PERMIT NO.: 43-013-30060-00	15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6435'
	12. COUNTY OR PARISH: Duchesne
	13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) downhole conversion to SWD	X
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SUMMARY OF WORK PERFORMED FROM 8/14/89 to 11/8/89

1. Cleaned out down to 12,800'. Set CIBP at 12,720' with 20' cmt on top.
2. Set CIBP at 10,750' with 50' cmt on top. Ran CBL/CET from 8000-6000'. Perf 4 sq holes at 7425' and squeezed with 75 sxs. Perf 4 sq holes at 6925' and squeezed with 150 sxs.
3. Squeezed leak at 4110-4143' w/450 sxs silicalite and 100 sxs class H re-sq w/25 sxs.
4. Ran CBL-CET from 10,700' to surface. Perf 4 sq holes at 7450' and sq w/100 sxs.
5. Sq leak at 4491-4522' w/10 sxs. Perf 6 sq holes at 4496-4502' & sq w/175 sxs.
6. Ran CBL/CET from 8000-6000'. Acidized injection perfs 7488-7772' w/5000 gal a5% HCL.
7. Tested all csg above 7302' (final pkr depth) to 1000 psi. Held OK. Ran step-rate test. Job complete - now waiting on construction of SWD pumping station and pipelines.

Jess Dullnig
11/13/89

UIC
GLH
DJJ
BGH
COMPUTER
MICROFILM
FILE

OIL AND GAS
DRN | RJF
JRB | CLH
DTS | SLS
2-TAS

18. I hereby certify that the foregoing is true and correct
SIGNED [signature] TITLE Supervising Engineer DATE 12-4-89

3 MICROFILM
1 FILE

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

gil

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

December 29, 1989

Ms. Delaine Tidwell, Mayor
Town of Altamont
P.O. Box 57
Altamont, Utah 84001

Dear Ms. Tidwell:

The Division received your December 4, 1989 letter on December 19, 1989, expressing your continued opposition and concern regarding the permitting of an injection well near Altamont. Your letter contains several statements which lead me to believe that you do not have a complete and accurate understanding of the situation.

Underground injection is the safest and most desirable method of disposal of produced water. The best circumstance for the safe disposal by injection is to return the waste water to a former oil and gas producing interval or a suitable adjacent interval. The use of the Bennion well will improve the environmental safety of water disposal in the Altamont oil field. Surface disposal ponds are more susceptible to leakage which penetrates near-surface fresh water aquifers.

In preparing the Bennion well for injection, a step-rate pressure test was performed on the well. The test was witnessed by a state representative from the Division. The purpose of the test was to determine the formation fracture pressure. Based on the results of the test, Pennzoil's injection pressure will be limited to a maximum of 1500 psi. This pressure is well below the determined formation fracture pressure and is also well below the 3000 to 6000 psi pressure mentioned in your letter. In addition, a pressure test has been performed on the well to test the mechanical integrity of the casing. The casing was proven to be competent; no breaks or zones of leakage were detected.

Your letter makes the generalization that pressure and density increase with depth below the earth's surface, and thus existing formation water must be forced toward the surface where pressure is lower. Pressure is one factor in determining direction of water movement, but there are others that are just as important, such as

permeability. When considering pressure differentials and the predicted flow path, one must consider the voids or lower pressure zones created when oil, gas and water are removed, as well as overpressured zones which occur naturally in this area. For water to move upward, it must overcome the hydrostatic pressure directed downward, plus it must find a permeable path to follow. The most likely location for injected fluid to move into shallower zones is at or near the injection well. This is the case because as the fluid travels away from the well, the pressure decreases very rapidly to a point at which it can no longer overcome hydrostatic pressure. For this reason, the injection well is the best location for monitoring and detecting problems. If subsurface fluids were forced toward the surface as suggested in your letter, it would eliminate the need and expense of pumping oil and water to the surface. This simply is not the case in this area.

The Division has the responsibility to investigate complaints or suspected problems created by underground injection. Water samples have been collected from local water wells to establish baseline quality prior to commencing of injection into the Bennion well. In your letter, you requested that tests be run to determine water purity prior to injection. This is being done. However, some of the tests and/or detection levels (parts per billion) you suggested are either technically unattainable or unreasonable. Produced water, produced in conjunction with oil and gas, is predominately of the sodium chloride (NaCl) type. Since chloride is a very soluble substance, it is the most logical indicator of contamination by produced water injection. It is also easily detected through chemical analysis. Thus it is unreasonable to require exotic and expensive testing as suggested in your letter.

Also, in your letter you state that the Division and Pennzoil should assume responsibility and the burden of proof if <u>any</u> culinary water in the Altamont area becomes contaminated in the future. This is an unrealistic request when one considers that there are many other possible agricultural, residential, commercial, and community sources of ground water contamination in or near Altamont. Pennzoil is required by law to conduct injection well operations in a manner which will not degrade drinking water sources. The Division of Oil, Gas and Mining regulates those operations to ensure compliance with the law.

When monitoring and protecting Altamont's underground water sources from possible contamination, please consider the following points:

1) Shallow aquifers especially unconfined gravel aquifers such as those underlying Altamont are recharged primarily from the surface i.e. a portion of whatever is applied to the surface goes into shallow ground water.

2) Many things, including drought and seasonal fluctuations, effect water quality and quantity in these shallow aquifers.

3) Over-production or drawdown of water wells causes irreparable damage to the aquifer.

I hope this alleviates some of your concerns related to the Bennion well. If I can be of further assistance please contact me.

Best regards,

Dianne R. Nielson
Director

ldc
cc: Representative Beverly Ann Evans
Senator Alarik Myrin
TID

NATIONAL OILWELL

RECEIVED
FEB 15 1990
DIVISION OF OIL, GAS & MINING

P.O. BOX 1532

2-12-90

TO L HUNT -
HERE ARE COPIES OF THE LAST FEW WATER WELL SAMPLES IN THE ALTAMONT AREA (NEAR THE NEW BENNION 1-25A2 SWD WELL). I THINK THIS ABOUT WRAPS IT UP AND WE SHOULD START DISPOSING WATER BY THE END OF THIS MONTH. THANKS FOR ALL THE HELP.

Jess Dullnig
PENNZOIL

WATER ANALY

COMPANY PENNZOIL OIL COMPANY ADDRESS

SOURCE Ray Retallick DATE SAMP

Analysis					
1. pH	8.5				
2. H_2S (Qualitative)	0				
3. Specific Gravity	1.001				
4. Dissolved Solids	509				
5. Suspended Solids					
6. Anaerobic Bacterial Count	C/Ml				
7. (Methyl Orange) Alkalinty (HCO_3)	209				
8. Bicarbonate (HCO_3)	HCO_3 317	÷61	5	HCO_3	
9. Chlorides (Cl)	Cl 35	÷35.5	2	Cl	
10. Sulfates (SO_4)	SO_4 12	÷48	0	SO_4	
11. Calcium (Ca)	Ca 80	÷20	4	Ca	
12. Magnesium (Mg)	Mg 19	÷12.2	1	Mg	
13. Total Hardness ($CaCO_3$)	280				
14. Total Iron (Fe)	.6				
15. Barium (Ba)					
16. Phosphate Residuals					

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

3	Ca	←	HCO_3	5
1	Mg	→	SO_4	0
2	Na	→	Cl	1

Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	3	243
$CaSo_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	1	73
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
$NaSO_4$	71.03		
NaCl	58.46	2	59

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

REMARKS

NATIONAL OILWELL
P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

RECEIVED
FEB 15 1990
DIVISION OF
OIL, GAS & MINING

WATER ANALYSIS REPORT

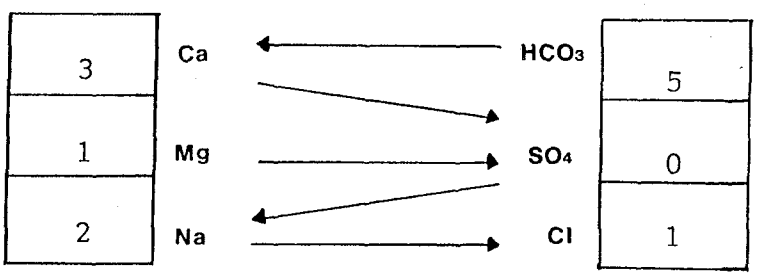
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 2-5-90

SOURCE Ray Retallick DATE SAMPLED 2-2-90 ANALYSIS NO. _____

Analysis		Mg/L (ppm)		*Meq/L	
1. pH	8.5				
2. H_2S (Qualitative)	0				
3. Specific Gravity	1.001				
4. Dissolved Solids		509			
5. Suspended Solids					
6. Anaerobic Bacterial Count	C/Ml				
7. (Methyl Orange) Alkalinty (HCO_3)		209			
8. Bicarbonate (HCO_3)		HCO_3 317	÷61	5	HCO_3
9. Chlorides (Cl)		Cl 35	÷35.5	2	Cl
10. Sulfates (SO_4)		SO_4 12	÷48	0	SO_4
11. Calcium (Ca)		Ca 80	÷20	4	Ca
12. Magnesium (Mg)		Mg 19	÷12.2	1	Mg
13. Total Hardness ($CaCO_3$)		280			
14. Total Iron (Fe)		.6			
15. Barium (Ba)					
16. Phosphate Residuals					

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	3	243
$CaSo_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	1	73
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
Na_2SO_4	71.03		
NaCl	58.46	2	59

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

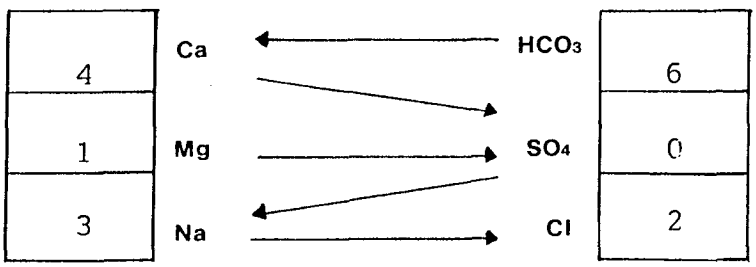
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 2-5-90

SOURCE Dastrup Barn DATE SAMPLED _____ ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L
1. pH 7.6		
2. H_2S (Qualitative) 0		
3. Specific Gravity 1.001		
4. Dissolved Solids	610	
5. Suspended Solids		
6. Anaerobic Bacterial Count _____ C/Ml		
7. (Methyl Orange) Alkalinty (HCO_3)	290	
8. Bicarbonate (HCO_3)	HCO_3 354	÷61 6 HCO_3
9. Chlorides (Cl)	Cl 71	÷35.5 2 Cl
10. Sulfates (SO_4)	SO_4 15	÷48 0 SO_4
11. Calcium (Ca)	Ca 84	÷20 4 Ca
12. Magnesium (Mg)	Mg 17	÷12.2 1 Mg
13. Total Hardness ($CaCO_3$)	280	
14. Total Iron (Fe)	.6	
15. Barium (Ba)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO_3	13 Mg/L
Ca SO_4 - $2H_2O$	2,090 Mg/L
Mg CO_3	103 Mg/L

Compound	Equiv. Wt.	X Meq/L	= Mg/L
Ca $(HCO_3)_2$	81.04	4	324
Ca So_4	68.07		
Ca Cl_2	55.50		
Mg $(HCO_3)_2$	73.17	1	73
Mg SO_4	60.19		
Mg Cl_2	47.62		
Na HCO_3	84.00	1	84
Na SO_4	71.03		
Na Cl	58.46	2	118

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

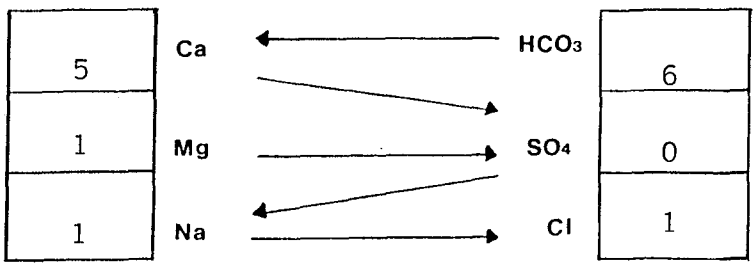
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 2-5-90

SOURCE Dastrup - Feed Lot DATE SAMPLED 1-15-90 ANALYSIS NO. _____

Analysis		Mg/L (ppm)		*Meq/L	
1. pH	7.5				
2. H_2S (Qualitative)	0				
3. Specific Gravity	1.001				
4. Dissolved Solids		527			
5. Suspended Solids					
6. Anaerobic Bacterial Count	C/Ml				
7. (Methyl Orange) Alkalinty (HCO_3)		280			
8. Bicarbonate (HCO_3)	HCO_3	342	÷61	6	HCO_3
9. Chlorides (Cl)	Cl	35	÷35.5	1	Cl
10. Sulfates (SO_4)	SO_4	12	÷48	0	SO_4
11. Calcium (Ca)	Ca	96	÷20	5	Ca
12. Magnesium (Mg)	Mg	19	÷12.2	1	Mg
13. Total Hardness ($CaCO_3$)		320			
14. Total Iron (Fe)		.5			
15. Barium (Ba)					
16. Phosphate Residuals					

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO_3	13 Mg/L
Ca SO_4 - $2H_2O$	2,090 Mg/L
Mg CO_3	103 Mg/L

Compound	Equiv. Wt.	X Meq/L	= Mg/L
Ca $(HCO_3)_2$	81.04	5	405
Ca So_4	68.07		
Ca Cl_2	55.50		
Mg $(HCO_3)_2$	73.17	1	73
Mg SO_4	60.19		
Mg Cl_2	47.62		
Na HCO_3	84.00		
Na SO_4	71.03		
Na Cl	58.46	1	59

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 2-5-90

SOURCE Dastrup House DATE SAMPLED _____ ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L
1. pH 8.1		
2. H_2S (Qualitative) 0		
3. Specific Gravity 1.001		
4. Dissolved Solids	355	
5. Suspended Solids		
6. Anaerobic Bacterial Count Cl C/Ml		
7. (Methyl Orange) Alkalinty (HCO_3)	150	
8. Bicarbonate (HCO_3)	HCO_3 183	÷61 3 HCO_3
9. Chlorides (Cl)	Cl 71	÷35.5 2 Cl
10. Sulfates (SO_4)	SO_4 4	÷48 0 SO_4
11. Calcium (Ca)	Ca 32	÷20 2 Ca
12. Magnesium (Mg)	Mg 19	÷12.2 1 Mg
13. Total Hardness ($CaCO_3$)	160	
14. Total Iron (Fe)	.6	
15. Barium (Ba)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

2	Ca	HCO_3	3
1	Mg	SO_4	0
2	Na	Cl	2

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	2	162
$CaSo_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	1	73
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
$NaSO_4$	71.03		
NaCl	58.46	2	117

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

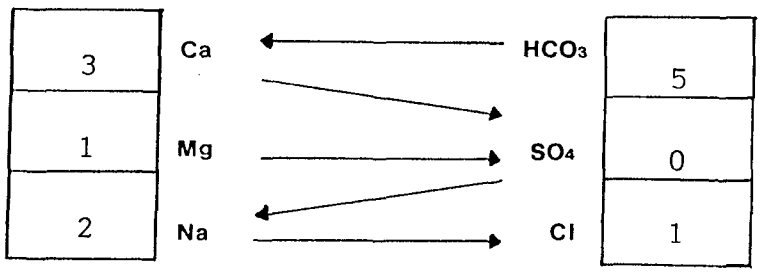
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 2-5-90

SOURCE Ray Retallick DATE SAMPLED 2-2-90 ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L
1. pH 8.5		
2. H_2S (Qualitative) 0		
3. Specific Gravity 1.001		
4. Dissolved Solids	509	
5. Suspended Solids		
6. Anaerobic Bacterial Count _____ C/Ml		
7. (Methyl Orange) Alkalinty (HCO_3)	209	
8. Bicarbonate (HCO_3)	HCO_3 317	÷61 5 HCO_3
9. Chlorides (Cl)	Cl 35	÷35.5 2 Cl
10. Sulfates (SO_4)	SO_4 12	÷48 0 SO_4
11. Calcium (Ca)	Ca 80	÷20 4 Ca
12. Magnesium (Mg)	Mg 19	÷12.2 1 Mg
13. Total Hardness ($CaCO_3$)	280	
14. Total Iron (Fe)	.6	
15. Barium (Ba)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	3	243
$CaSo_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	1	73
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
Na_2SO_4	71.03		
NaCl	58.46	2	59

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

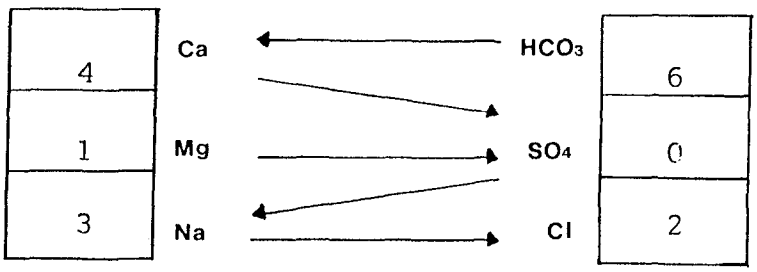
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 2-5-90

SOURCE Dastrup Barn DATE SAMPLED _____ ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L
1. pH 7.6		
2. H_2S (Qualitative) 0		
3. Specific Gravity 1.001		
4. Dissolved Solids	610	
5. Suspended Solids		
6. Anaerobic Bacterial Count _____ C/Ml		
7. (Methyl Orange) Alkalinty (HCO_3)	290	
8. Bicarbonate (HCO_3)	HCO_3 354	÷61 6 HCO_3
9. Chlorides (Cl)	Cl 71	÷35.5 2 Cl
10. Sulfates (SO_4)	SO_4 15	÷48 0 SO_4
11. Calcium (Ca)	Ca 84	÷20 4 Ca
12. Magnesium (Mg)	Mg 17	÷12.2 1 Mg
13. Total Hardness ($CaCO_3$)	280	
14. Total Iron (Fe)	.6	
15. Barium (Ba)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	4	324
$CaSo_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	1	73
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00	1	84
Na_2SO_4	71.03		
NaCl	58.46	2	118

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

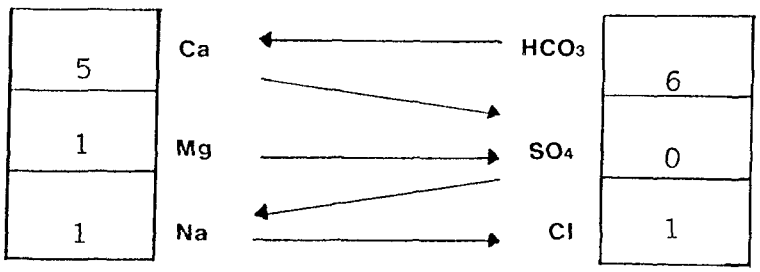
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 2-5-90

SOURCE Dastrup - Feed Lot DATE SAMPLED 1-15-90 ANALYSIS NO. _____

Analysis		Mg/L (ppm)		*Meq/L	
1. pH	7.5				
2. H_2S (Qualitative)	0				
3. Specific Gravity	1.001				
4. Dissolved Solids		527			
5. Suspended Solids					
6. Anaerobic Bacterial Count	C/Ml				
7. (Methyl Orange) Alkalinty (HCO_3)		280			
8. Bicarbonate (HCO_3)	HCO_3	342	÷61	6	HCO_3
9. Chlorides (Cl)	Cl	35	÷35.5	1	Cl
10. Sulfates (SO_4)	SO_4	12	÷48	0	SO_4
11. Calcium (Ca)	Ca	96	÷20	5	Ca
12. Magnesium (Mg)	Mg	19	÷12.2	1	Mg
13. Total Hardness ($CaCO_3$)		320			
14. Total Iron (Fe)		.5			
15. Barium (Ba)					
16. Phosphate Residuals					

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO_3	13 Mg/L
Ca SO_4 - $2H_2O$	2,090 Mg/L
Mg CO_3	103 Mg/L

Compound	Equiv. Wt.	X Meq/L	= Mg/L
Ca $(HCO_3)_2$	81.04	5	405
Ca So_4	68.07		
Ca Cl_2	55.50		
Mg $(HCO_3)_2$	73.17	1	73
Mg SO_4	60.19		
Mg Cl_2	47.62		
Na HCO_3	84.00		
Na SO_4	71.03		
Na Cl	58.46	1	59

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

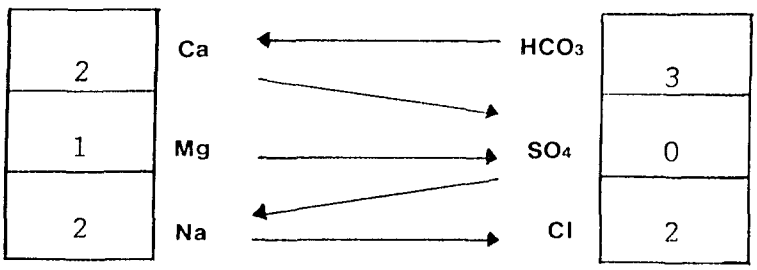
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 2-5-90

SOURCE Dastrup House DATE SAMPLED _____ ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L
1. pH 8.1		
2. H_2S (Qualitative) 0		
3. Specific Gravity 1.001		
4. Dissolved Solids	355	
5. Suspended Solids		
6. Anaerobic Bacterial Count _____ C/Ml		
7. (Methyl Orange) Alkalinty (HCO_3)	150	
8. Bicarbonate (HCO_3)	HCO_3 183	÷61 3 HCO_3
9. Chlorides (Cl)	Cl 71	÷35.5 2 Cl
10. Sulfates (SO_4)	SO_4 4	÷48 0 SO_4
11. Calcium (Ca)	Ca 32	÷20 2 Ca
12. Magnesium (Mg)	Mg 19	÷12.2 1 Mg
13. Total Hardness ($CaCO_3$)	160	
14. Total Iron (Fe)	.6	
15. Barium (Ba)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO_3	13 Mg/L
Ca SO_4 - $2H_2O$	2,090 Mg/L
Mg CO_3	103 Mg/L

Compound	Equiv. Wt.	X Meq/L	= Mg/L
Ca $(HCO_3)_2$	81.04	2	162
Ca So_4	68.07		
Ca Cl_2	55.50		
Mg $(HCO_3)_2$	73.17	1	73
Mg SO_4	60.19		
Mg Cl_2	47.62		
Na HCO_3	84.00		
Na SO_4	71.03		
Na Cl	58.46	2	117

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

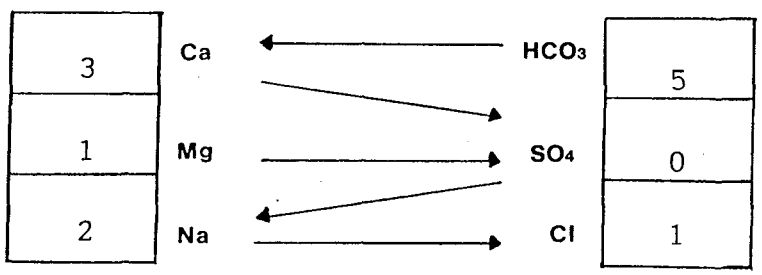
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 2-5-90

SOURCE Ray Retallick DATE SAMPLED 2-2-90 ANALYSIS NO. _____

Analysis		Mg/L (ppm)		*Meq/L	
1. pH	8.5				
2. H_2S (Qualitative)	0				
3. Specific Gravity	1.001				
4. Dissolved Solids		509			
5. Suspended Solids					
6. Anaerobic Bacterial Count	C/Ml				
7. (Methyl Orange) Alkalinty (HCO_3)		209			
8. Bicarbonate (HCO_3)	HCO_3	317	÷61	5	HCO_3
9. Chlorides (Cl)	Cl	35	÷35.5	2	Cl
10. Sulfates (SO_4)	SO_4	12	÷48	0	SO_4
11. Calcium (Ca)	Ca	80	÷20	4	Ca
12. Magnesium (Mg)	Mg	19	÷12.2	1	Mg
13. Total Hardness ($CaCO_3$)		280			
14. Total Iron (Fe)		.6			
15. Barium (Ba)					
16. Phosphate Residuals					

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	3	243
$CaSo_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	1	73
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
$NaSO_4$	71.03		
NaCl	58.46	2	59

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

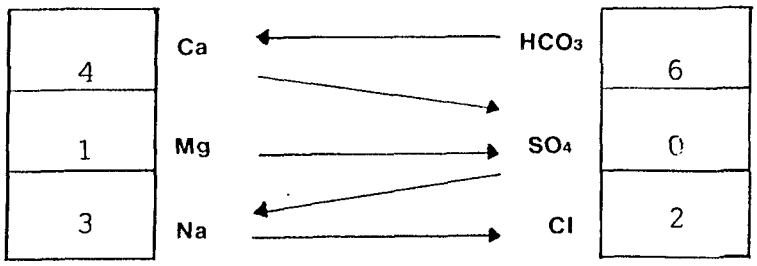
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 2-5-90

SOURCE Dastrup Barn DATE SAMPLED _____ ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L
1. pH 7.6		
2. H_2S (Qualitative) 0		
3. Specific Gravity 1.001		
4. Dissolved Solids	610	
5. Suspended Solids		
6. Anaerobic Bacterial Count _____ C/Ml		
7. (Methyl Orange) Alkalinty (HCO_3)	290	
8. Bicarbonate (HCO_3)	HCO_3 354	÷61 6 HCO_3
9. Chlorides (Cl)	Cl 71	÷35.5 2 Cl
10. Sulfates (SO_4)	SO_4 15	÷48 0 SO_4
11. Calcium (Ca)	Ca 84	÷20 4 Ca
12. Magnesium (Mg)	Mg 17	÷12.2 1 Mg
13. Total Hardness ($CaCO_3$)	280	
14. Total Iron (Fe)	.6	
15. Barium (Ba)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO_3	13 Mg/L
Ca $SO_4 \cdot 2H_2O$	2,090 Mg/L
Mg CO_3	103 Mg/L

Compound	Equiv. Wt.	X Meq/L =	Mg/L
Ca $(HCO_3)_2$	81.04	4	324
Ca So_4	68.07		
Ca Cl_2	55.50		
Mg $(HCO_3)_2$	73.17	1	73
Mg SO_4	60.19		
Mg Cl_2	47.62		
Na HCO_3	84.00	1	84
Na SO_4	71.03		
Na Cl	58.46	2	118

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

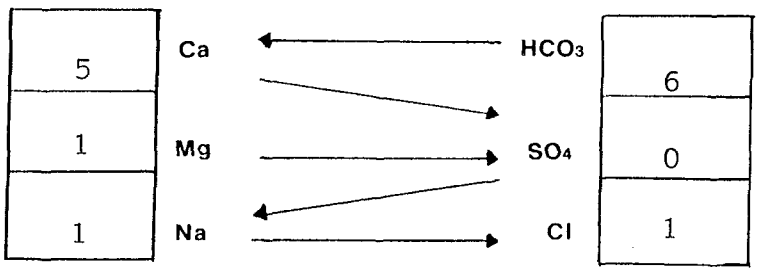
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 2-5-90

SOURCE Dastrup - Feed Lot DATE SAMPLED 1-15-90 ANALYSIS NO. _____

Analysis		Mg/L (ppm)		*Meq/L	
1. pH	7.5				
2. H_2S (Qualitative)	0				
3. Specific Gravity	1.001				
4. Dissolved Solids		527			
5. Suspended Solids					
6. Anaerobic Bacterial Count	C/Ml				
7. (Methyl Orange) Alkalinty (HCO_3)		280			
8. Bicarbonate (HCO_3)	HCO_3	342	÷61	6	HCO_3
9. Chlorides (Cl)	Cl	35	÷35.5	1	Cl
10. Sulfates (SO_4)	SO_4	12	÷48	0	SO_4
11. Calcium (Ca)	Ca	96	÷20	5	Ca
12. Magnesium (Mg)	Mg	19	÷12.2	1	Mg
13. Total Hardness ($CaCO_3$)		320			
14. Total Iron (Fe)		.5			
15. Barium (Ba)					
16. Phosphate Residuals					

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	5	405
$CaSo_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	1	73
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
$NaSO_4$	71.03		
NaCl	58.46	1	59

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

REMARKS _____

NATIONAL OILWELL

P.O. BOX 1532 ROOSEVELT, UTAH 84066 OFFICE: (801) 722-3693

WATER ANALYSIS REPORT

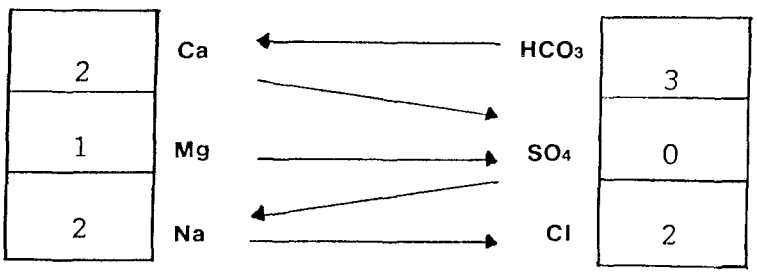
COMPANY PENNZOIL OIL COMPANY ADDRESS _____ DATE: 2-5-90

SOURCE Dastrup House DATE SAMPLED _____ ANALYSIS NO. _____

Analysis	Mg/L (ppm)	*Meq/L
1. pH	8.1	
2. H_2S (Qualitative)	0	
3. Specific Gravity	1.001	
4. Dissolved Solids	355	
5. Suspended Solids		
6. Anaerobic Bacterial Count _____ C/Ml		
7. (Methyl Orange) Alkalinty (HCO_3)	150	
8. Bicarbonate (HCO_3)	HCO_3 183	÷61 3 HCO_3
9. Chlorides (Cl)	Cl 71	÷35.5 2 Cl
10. Sulfates (SO_4)	SO_4 4	÷48 0 SO_4
11. Calcium (Ca)	Ca 32	÷20 2 Ca
12. Magnesium (Mg)	Mg 19	÷12.2 1 Mg
13. Total Hardness ($CaCO_3$)	160	
14. Total Iron (Fe)	.6	
15. Barium (Ba)		
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/L	= Mg/L
$Ca(HCO_3)_2$	81.04	2	162
$CaSo_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	1	73
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
Na_2SO_4	71.03		
NaCl	58.46	2	117

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

REMARKS _____

SUNDRY

PENNZOIL EXPLORATION AND PRODUCTION COMPANY
P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353 - 4397

MARCH 26, 1990

RECEIVED
MAR 27 1990
DIVISION OF
OIL, GAS & MINING

MR. GILBERT HUNT
STATE OF UTAH, NATURAL RESOURCES
OIL, GAS, AND MINING
3 TRIAD CENTER, SUITE 350
SALT LAKE CITY, UT 84180 - 1203

DEAR MR. HUNT:

SUBJECT: BENNION 1-25AY SWD WELL
VERBAL APPROVAL TO BEGIN DISPOSAL OF WATER

THIS LETTER WILL SERVE AS CONFORMATION OF THE VERBAL APPROVAL GRANTED BY THE STATE OF UTAH TO BEGIN DISPOSAL OPERATIONS AT THE BENNION 1-25AY SWD WELL. VERBAL APPROVAL WAS GRANTED BY MR GILBERT HUNT ON MARCH 22, 1990.

DISPOSAL OPERATIONS SHOULD COMMENCE NO LATER THAN APRIL 15, 1990.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
2. TAS	
3. MICROFILM ✓	
4- FILE	

UIC	
GLH ✓	
DJJ	
BGH	
COMPUTER	
MICROFILM ✓	
FILE	

SINCERELY,

Jess Dullnig

JESS DULLNIG
PETROLEUM ENGINEER

*APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 3-29-90
BY:

* See attached letter dated 10-6-89

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: FEE.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
APR 10 1990
DIVISION OF OIL, GAS & MINING

1. OIL WELL ☐ GAS WELL ☐ OTHER DISPOSAL WELL

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: PENNZOIL EXPL. AND PROD.

8. FARM OR LEASE NAME: E. BENNION

3. ADDRESS OF OPERATOR: P.O. BOX 2967, HOUSTON, TX 77252

9. WELL NO.: 1-25A4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1476' FNL AND 1164' FEL

10. FIELD AND POOL, OR WILDCAT: ALTAMONT - G. RIVER

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC 25, T1S, R4W

14. PERMIT NO.: 43-013-30060-00

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6435

12. COUNTY OR PARISH: DUCHESNE

13. STATE: UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☒	CHANGE PLANS	☐	(Other)			☐
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log (form.))			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DURING RECENT DISPOSAL OPERATIONS, PENNZOIL NOTICED PRESSURE ON THE TBG-CSG ANNULUS INDICATING A POSSIBLE PACKER OR TBG LEAK. PENNZOIL PLANS TO PULL THE TBG, REPAIR ALL LEAKS AND RE-RUN A NEW BAKER 7" MODEL 'R' PACKER. A MECHANICAL INTEGRITY TEST TO 1000 PSI WILL BE PERFORMED AT THE END OF THIS WORKOVER AND REPORTED TO THE STATE OF UTAH AND THE EPA ON A SUBSEQUENT SUNDRY NOTICE FORM.

VERBAL PERMISSION TO PROCEED WITH THIS WORK WAS GRANTED BY MR. GILBERT HUNT WITH THE STATE OF UTAH (SALT LAKE CITY) ON 4-9-90.

JESS DULLNIG
NEOLA, UTAH
801-353-4397

18. I hereby certify that the foregoing is true and correct

SIGNED Jess Dullnig TITLE PETROLEUM ENGR. DATE 4-9-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

RECEIVED
APR 19 1990
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER DISPOSAL WELL

2. NAME OF OPERATOR: PENNZOIL EXPL. AND PROD.

3. ADDRESS OF OPERATOR: P.O. BOX 2967 HOUSTON, TX 77252

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1476' FNL AND 1164' FEL

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: E. BENNION

9. WELL NO.: 1-25A4

10. FIELD AND POOL, OR WILDCAT: ALTAMONT-G. RIVER

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC. 25, T1S, R4W

14. PERMIT NO.: 43-013-30060-00

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6435

12. COUNTY OR PARISH: DUCHESNE

13. STATE: UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☒
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)	☐			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SUMMARY OF WORKOVER FROM 4-9-90 TO 4-17-90

(1) MI AND RU PULLING UNIT. REMOVED TREE AND INSTALLED BOP. POOH WITH 7" BAKER MODEL 'R' PKR.

(2) WIH WITH NEW MODEL 'R' PACKER ON 2 7/8" TBG, HYDROTESTING TO 5000 PSI. SET PKR AT 7335' AND DISPOSED WTR INTO PERFS 7478-7772'. HAD SMALL FLOW OF WATER UP 7" CSG.

(3) POOH AND REPLACED PKR WITH A NEW 7" BAKER LOC-SET. WIH WITH 2 7/8" TBG AND SET PKR AT 6840'. TESTED 7" CSG TO 1000 PSI FOR 45 MINUTES. LOST 80 PSI.

(4) REMOVED BOP AND INSTALLED TREE. RESUMED DISPOSAL OF WATER DOWN TBG INTO PERFS 7478-7772 AT APPROX. 1150 PSI. CSG PRESSURE - ZERO.

(5) RD PULLING UNT. JOB COMPLETE.

OIL AND GAS	
DRN	RJF
JRB	GLH ✓
DTS	SLS

UIC	JESS DULLNIG
GLH ✓	MEOCA, UTAH
DJJ	801-353-4397
BGH	
COMPUTER	
MICROFILM ✓	
FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED Jess Dullnig TITLE PETROLEUM DATE 4-17-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

2-	TAS
3-	MICROFILM ✓
4.	FILE

*See Instructions on Reverse Side

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
   [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator
   Pennzoil Exploration and Production Company
3. Address and Telephone No.
   P.O. Box 2967, Houston, Texas 77252-2967
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
   1476' FNL and 1164' FEL (SE,NE)
   Section 25, T1S-R4W

5. Lease Designation and Serial No.
   FEE
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No.
   Bennion 1-25A4
9. API Well No.
   43-013-30060-00 WDW
10. Field and Pool, or Exploratory Area
    Altamont
11. County or Parish, State
    Duchesne, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[x] Other Acidize	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plan to reperforate and acidize existing Upper Green River disposal perforations from 7478' to 7772' to increase disposal capacity.

RECEIVED
MAR 2 5 1991
DIVISION OF
OIL GAS & MINING

Accepted by the State of Utah Division of Oil, Gas and Mining
Date: 3-27-91
By:

14. I hereby certify that the foregoing is true and correct
Signed [signature] 3-22-91 Title Supervising Engineer Date

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

BENNION 1-25A4 DISPOSAL WELL

RECOMMENDED PERFORATION TO INCREASE INJECTIVITY

OLD PERFS

7478' to 7480'	(2',	4 holes)
7510' to 7511'	(1',	2 holes)
7516' to 7534'	(18',	86 holes)
7648' to 7662'	(14',	56 holes)
7766' to 7772'	(6',	24 holes)
	41'	172 holes

7478' to 7482'	(4',	16 holes)
7501' to 7534'	(33',	132 holes)
7540' to 7544'	(4',	16 holes)
7562' to 7544'	(5',	20 holes)
7570' to 7576'	(6',	24 holes)
7587' to 7590'	(3',	12 holes)
7594' to 7597'	(3',	12 holes)
7600' to 7602'	(2',	8 holes)
7617' to 7619'	(2',	8 holes)
7623' to 7628'	(5',	20 holes)
7631' to 7636'	(5',	20 holes)
7648' to 7673'	(25',	100 holes)
7678' to 7697'	(19',	76 holes)
7701' to 7703'	(2',	8 holes)
7705' to 7712'	(7',	28 holes)
7718' to 7720'	(2',	8 holes)
7727' to 7739'	(12',	48 holes)
7743' to 7751'	(8',	32 holes)
7754' to 7761'	(7',	28 holes)
7715' to 7722'	(7',	28 holes)
	161',	644 holes

All depths are based on the Schlumberger BHC Sonic Log run 5/28/71.

044-0222raw

PENNZOIL EXPLORATION AND PRODUCTION COMPANY
PENNZOIL PLACE • P.O. BOX 2967 • HOUSTON, TEXAS 77252-2967 • (713) 546-4000

March 20, 1991

RECEIVED
MAR 2 5 1991
DIVISION OF
OIL GAS & MINING

State of Utah - Natural Resources
Oil, Gas and Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Mr. Gilbert Hunt

Reference: Bennion Salt Water Disposal Well No. 1-25A4
Section 25, T1S-R4W, Duchesne County, Utah
Permit No. UIC-034-1, API No. 43-013-30060-00

Dear Mr. Hunt;

Attached is an "Intent" Sundry for the subject well.

In order to increase disposal capacity in the above referenced well, Pennzoil intends to reperforate the entire gross disposal interval from 7478' to 7772' and acidize with approximately 15,000 gallons of 15% HCl containing 10% Xylene.

The well is currently perforated as follows:

7487-80' (2 spf); 7510' (2 spf); 7516-34' (4 spf);
7648-62' (4 spf); 7766-72' (4 spf)

Attached is a list of proposed perforations.

The average injection rate in December, 1990 was 761 BWPD at 1500 psig. Initial injection rate was 1064 BWPD in April, 1990.

This work is scheduled to begin in the next 60 days. If you have any questions, please contact me at (713) 546-8190.

Sincerely,

PENNZOIL EXPLORATION AND PRODUCTION CO.

Ralph A. Williams

R. A. Williams
Supervising Engineer
Bluebell/Altamont Field

RAW/sjw
044-0222

100 YEARS OF QUALITY
1889 1989
PENNZOIL

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER DISPOSAL WELL

2. NAME OF OPERATOR
Pennzoil Exploration and Production Company

3. ADDRESS OF OPERATOR
P. O. Box 2967 Houston, TX 77252

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1476' FNL and 1164' FEL

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DIVISION OF OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
BENNION

9. WELL NO.
1-25A4

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 25, T1S, R4W

14. PERMIT NO.
43-013-30060-00

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6421 GR

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☒	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Reperforate U. Green River			☒
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5-22-91: MI & RU pulling unit. Started backflowing well.

5-29-91: Released 7" Baker Loc Set pkr at 6840' and POOH with 2 7/8" tbg and pkr.

5-30-91: Reperforated disposal zone from 7478' to 7772' (161', 644 holes). WIH w/ 7" Baker Loc Set pkr on 2 7/8" tbg, hydrotesting to 8000 psi. Set pkr at 7300' and installed tree.

5-31-91: Bled off tbg to zero and tested 7" x 2 7/8" annulus to 500 psi for 30 minutes. Gained 15 psi.

6-3-91: Acidized perfs 7478-7772 w/ 22,500 gals 15% HCL. Used 7000# rock salt and 1400 ball sealers for diversion. Observed slight diversion. Surged well several times to remove ball sealers from perfs and resumed normal disposal operations. RD pulling unit - job complete.

Jess Dullnig - Neola, Utah
6-4-91

18. I hereby certify that the foregoing is true and correct

SIGNED Jess Dullnig TITLE PETROLEUM ENGR. DATE 6-4-91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466

APR 20 1995

RECEIVED
APR 25 1995
FIELD OFFICE

Ref: 8WM-DW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Jess Dullnig
Pennzoil Company
P.O. Box 290
Neola, Utah 84053

RE: UNDERGROUND INJECTION CONTROL (UIC)
Approval of P & A Plans
Bennion #1-25A4 (EPA #2662-02718)
Altamont #3-31A3 (EPA #2663-02719)
Duchesne County, Utah

Dear Mr. Dullnig:

We received your proposed plugging and abandonment plans for the Bennion #1-25A4 and Altamont #3-31A3 SWD wells on April 13, 1995. The plans have been reviewed and approved, with one exception. One additional balanced plug will be required inside the 7" casing in the Bennion #1-25A4 well. The plug is to be set from 3,800 to 3,850 feet, opposite the indicated base of possible underground sources of drinking water (USDWs).

Please contact this office prior to plugging the wells so that we can arrange to witness the operations. Within sixty (60) days of plugging each well, please complete and submit one of the enclosed Plugging Records (EPA Form 7520-13).

If you have any questions or comments concerning this letter, you may contact John Carson at (303) 293-1435. Also, please direct all correspondence to the attention of John Carson at Mail Code 8WM-DW. Thank you for your continued cooperation.

Sincerely,

Max H. Dodson
Director
Water Management Division

Enclosures: EPA Form 7520-13

Printed on Recycled Paper

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

MAY 15 1995

6. Lease designation and Serial Number

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing well, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT - for such proposals

1. Type of Well
[ ] Oil Well [ ] Gas well [X] Other (specify) Water Disposal

9. Well Name and Number
SWD 1-25A4 (Bennion)

2. Name of Operator
Pennzoil Company

10. API Well Number
43-013-30060-00

3. Address of Operator
P.O. Box 290 Neola, Utah 84053

4. Telephone
801-353-4397

11. Field and Pool, or Wildcat
Altamont

5. Location of Well
Footage : 1476' FNL & 1164' FEL
QQ, Sec, T., R., M. : Section 25, T1S, R4W
County : Duchesne
State : Utah

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)				SUBSEQUENT REPORT (Submit Orginal Form Only)			
[X]	Abandonment	[ ]	New Construction	[ ]	Abandonment *	[ ]	New Construction
[ ]	Casing Repair	[ ]	Pull or Alter Casing	[ ]	Casing Repair	[ ]	Pull or Alter Casing
[ ]	Change of Plans	[ ]	Recompletion	[ ]	Change of Plans	[ ]	Shoot or Acidize
[ ]	Conversion to Injection	[ ]	Shoot or Acidize	[ ]	Conversion to Injection	[ ]	Vent or Flare
[ ]	Fracture Treat	[ ]	Vent or Flare	[ ]	Fracture Treat	[ ]	Water Shut-Off
[ ]	Multiple Completion	[ ]	Water Shut-Off	[ ]	Other		
[ ]	Other			Date of Work Completion			
Approximate Date Work Will Start	17-May-95			Report results of Multiple Completion and Recompletion to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form			
				* Must be accompanied by a cement verification report.			

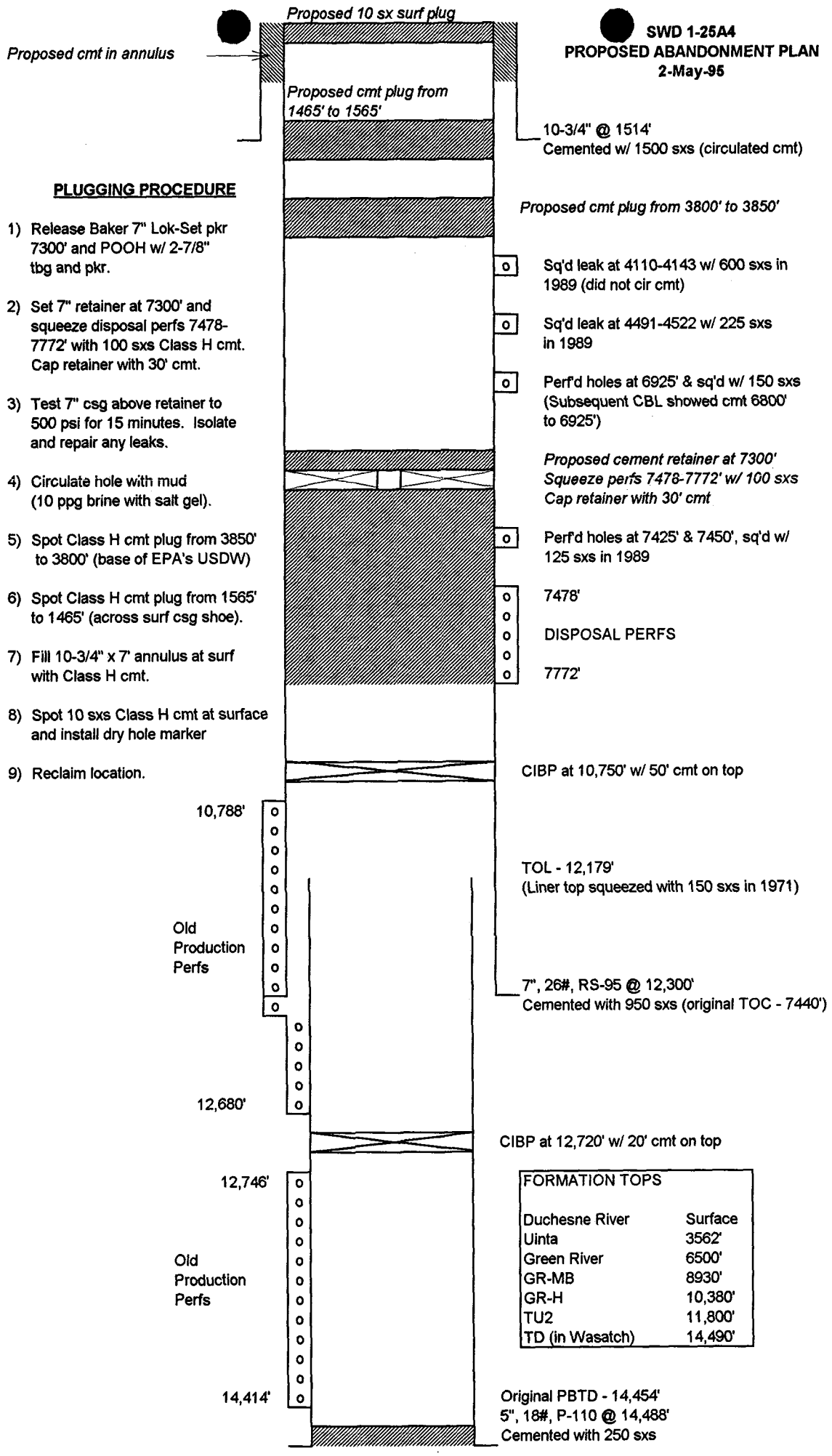
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface location and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached plugging proposal dated 5-2-95. Also attached is a letter from the EPA dated 4-20-95 granting approval to plug the subject well in this manner.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 5-12-95
BY: John Matthews
Use fresh water treated system for plugging fluid.

14. I hereby certify that the foregoing is true and correct
Name & Signature Jess Dullnig Title Petroleum Engineer Date 12-May-95

(State Use Only)


Proposed 10 sx surf plug
Proposed cmt in annulus
Proposed cmt plug from 1465' to 1565'
SWD 1-25A4
PROPOSED ABANDONMENT PLAN
2-May-95
10-3/4" @ 1514'
Cemented w/ 1500 sxs (circulated cmt)
PLUGGING PROCEDURE
1) Release Baker 7" Lok-Set pkr 7300' and POOH w/ 2-7/8" tbg and pkr.
2) Set 7" retainer at 7300' and squeeze disposal perfs 7478-7772' with 100 sxs Class H cmt. Cap retainer with 30' cmt.
3) Test 7" csg above retainer to 500 psi for 15 minutes. Isolate and repair any leaks.
4) Circulate hole with mud (10 ppg brine with salt gel).
5) Spot Class H cmt plug from 3850' to 3800' (base of EPA's USDW)
6) Spot Class H cmt plug from 1565' to 1465' (across surf csg shoe).
7) Fill 10-3/4" x 7' annulus at surf with Class H cmt.
8) Spot 10 sxs Class H cmt at surface and install dry hole marker
9) Reclaim location.
Proposed cmt plug from 3800' to 3850'
Sq'd leak at 4110-4143 w/ 600 sxs in 1989 (did not cir cmt)
Sq'd leak at 4491-4522 w/ 225 sxs in 1989
Perf'd holes at 6925' & sq'd w/ 150 sxs (Subsequent CBL showed cmt 6800' to 6925')
Proposed cement retainer at 7300'
Squeeze perfs 7478-7772' w/ 100 sxs
Cap retainer with 30' cmt
Perf'd holes at 7425' & 7450', sq'd w/ 125 sxs in 1989
7478'
DISPOSAL PERFS
7772'
CIBP at 10,750' w/ 50' cmt on top
10,788'
TOL - 12,179'
(Liner top squeezed with 150 sxs in 1971)
Old Production Perfs
7", 26#, RS-95 @ 12,300'
Cemented with 950 sxs (original TOC - 7440')
12,680'
CIBP at 12,720' w/ 20' cmt on top
12,746'
FORMATION TOPS
Duchesne River Surface
Uinta 3562'
Green River 6500'
GR-MB 8930'
GR-H 10,380'
TU2 11,800'
TD (in Wasatch) 14,490'
Old Production Perfs
14,414'
Original PBTD - 14,454'
5", 18#, P-110 @ 14,488'
Cemented with 250 sxs

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
[ ] Oil Well [ ] Gas well [X] Other Water Disposal

2. Name of Operator
Pennzoil Exploration and Production Company

3. Address and Telephone No.
P.O. Box 290 Neola, Utah 84053 (801) 353-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1476' FNL &1164' FEL Section 25, T1S, R4W

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.
SWD 1-25A4(BENNION)

9. API Well No.
43-013-30060-00

10. Field and Pool, or Exploratory Area
ALTAMONT

11. County or Parish, State
DUCHESNE , UTAH

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[X] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[ ] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing repair	[ ] Water Shut-off
[X] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Work started/Finished: 6/12/95 thru 6/16/95

6/12/95: MI & RU.
6/13/95: Backflowed well to disposal tanks.
6/14/95: Set CIBP in 2 7/8" tbg. @ 7290'. Cut tbg. @ 7255'. Set 7" CIBP @ 7254'.
Pressure tested casing to 500 psi. Held O.K.
6/15/95: Circulated hole with 10 #/gal mud with oxygen scavenger and corrosion inhibitor.
Spotted 25 sxs. of class G 15.6 #/gal cmt. on top of 7" CIBP @ 7254'.
Spotted 10 sxs. of cmt. from 3850' to 3800'.
Spotted 20 sxs. of cmt. from 1565' to 1465'.
Pumped 25 sxs. of cmt. down 10 3/4"-7" annulus to fill.
Filled 7" csg. to surface with 25 sxs. of cement.
6/16/95: Cut-off wellhead and installed metal plate with P&A marker cemented 2' down.

RECEIVED
JUN 21 1995
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed **Cory DeSantis** Title **Petroleum Engineer** Date: **6/19/1995**
Cory L. DeSantis

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
WORKOVER AND COMPLETION RECORD

OPERATOR: PENNZOIL EXPLORATION CO COMPANY REP: CORY

WELL NAME: BENNION #1-25A4 API NO: 43-013-30060

SECTION: 25 TWP: 01S RANGE: 04W COUNTY: DUCHESNE

TYPE OF WELL: OIL: _____ GAS: _____ WATER INJECTION: YES

STATUS PRIOR TO WORKOVER: DISPOSAL

INSPECTOR: DENNIS L. INGRAM TIME: 4:50 P.M. DATE: 6/14/95

REASON FOR WORKOVER:

CHANGE OF LIFT SYSTEM: _____ PUMP CHANGE: _____ PARTED RODS: _____

CASING OR LINER REPAIR: _____ ACIDIZE: _____ RECOMPLETION: _____

TUBING CHANGE: _____ WELLBORE CLEANOUT: _____ WELL DEEPENED: _____

ENHANCED RECOVERY: _____ THIEF ZONE: _____ CHANGE ZONE: _____

ENVIRONMENTAL/DISPOSITION OF FLUIDS USED:

PIT: LINED ___ UNLINED ___ FRAC TANK _____ BOPE: _____ H2S PRESENT: Y

OPERATIONS AT THE TIME OF INSPECTION: RETREIVING WIRE LINE AFTER SETTING 7" CIBP AT 7250'.

REMARKS:
TEST CASING. FILL HOLE WITH 15 BARRELS FLUID AND PRESSURE UP TO 520 PSI. TEST WAS GOOD, HELD FOR 15 MINUTES, NO BLEED OFF.

GOODMAN SAFTEY & SURVIVAL SPECIALISTS WAS ON LEASE FOR H2S SAFETY AND HAD GREEN FLAGS FLYING WHEN I ARRIVED.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
RECORD OF ABANDONMENT OPERATIONS

COMPANY NAME: PENNZOIL EXPLORATION COMPANY

WELL NAME: BENNION #1-25A4

QTR/QTR: SE/NE SECTION: 25 TOWNSHIP: 01S RANGE: 04W

COUNTY: DUCHESNE API NO: 43-013-30060

INSPECTOR: DENNIS L. INGRAM TIME: 9:00 A.M. DATE: 5/19/95

SURFACE CASING SHOE DEPTH 1514 FEET CASING PULLED YES ____ NO YES

CASING PULLED: SIZE N/A CUT DEPTH ____ FT/CSG RECOVERED ____

CASING TESTED YES YES NO ___ TESTED TO: 525 PSI TIME: 15 MINUTESN:

CEMENTING COMPANY: SCHLUMBERGER/DOWELL

CEMENTING OPERATIONS: P&A WELL: Y

PLUG 1. SET: FROM 7150 FT. TO 7250 FT. TAGGED YES ___ NO X

SLURRY: 5.1 BARRELS (25 SXS) WAS "G" NEAT CEMENT @ 4.97 GALS PER SX W/1.15 YIELD.

PLUG 2. SET FROM 3800 FT. TO 3850 FT. TAGGED YES ___ NO X

SLURRY: 2 BARRELS "G" (10 SXS) DITTO ON CEMENT QUALITY

PLUG 3. SET FROM 1465 FT. TO 1565 FT. TAGGED YES ___ NO X

SLURRY: 4.1 BARREL SLURRY "G" (20 SXS) @ 15.6 PPG.

PLUG 4. SET FROM ____ FT. TO ____ FT. TAGGED YES ___ NO ____

SLURRY: ____

SURFACE PLUG: FROM 0 FT. TO 50 FT.

ALL ANNULUS CEMENTED TO SURFACE: YES X NO ____

PLUGGING FLUID TYPE: 9.8 TO 10.0 PPG MUD WITH CORROSION INHIBITOR

PERFORATIONS: FROM 10,788 FT. TO 12,690 FT.
FROM 12,746 FT. TO 14,414 FT.

1 CIBP SET: 7" CIBP @ 7254'

2 CIBP SET: INSIDE TUBING CIBP SET @ 7290' (TUBING CUT-OFF @ 7255'.

ABANDONMENT MARKER: PLATE: ____ PIPE: Y CORRECT INFORMATION: Y

COMMENTS: GOODMAN SAFTEY & SURVIVAL SPECIALISTS ON LEASE TO PROVIDE H2S EQUIPMENT. PUMPED 25 SXS "G" DOWN BACKSIDE @ 1 BPM AND PRESSURED UP TO 1000 PSI. ALL WAS FULL WHEN WELLHEAD WS CUT OFF. HOLE STAYED FULL THROUGHOUT JOB. APPROXIMATELY 260 BARRELS OF MUD WAS USED IN 7" PIPE.